

FW: Statement for Governor re: Hatteras and Ocracoke Island situation

From: Mike.Sprayberry@ncdps.gov
To: clyde.roper1@ncdps.gov, Pamela.Walker@ncdps.gov
Sent: July 28, 2017 1:27:26 PM EDT
Received: July 28, 2017 1:27:27 PM EDT
Attachments: Generator arrives on Ocracoke Island Thursday night.jpg, Generator connection at Avon substation.jpg

From: Rouse, Jay [mailto:jay.rouse@ncemcs.com]
Sent: Friday, July 28, 2017 11:34 AM
To: Sprayberry, Mike <Mike.Sprayberry@ncdps.gov>; Davis, Steve <Steve.Davis@ncdps.gov>
Cc: Aldridge, Kristie <Kristie.Aldridge@NCEMCS.com>
Subject: Statement for Governor re: Hatteras and Ocracoke Island situation

Director Sprayberry and Steve Davis,

Below is a draft or recommended statement for the Governor from our communications department. Hope this is helpful.

Jay Rouse

Thank you to the residents of and visitors to Hatteras and Ocracoke Islands for your patience during this outage situation and especially for your participation in the conservation requests of the two electric cooperatives that serve these islands – Cape Hatteras Electric Cooperative and Tideland Electric Membership Corporation.

This unfortunate situation was an accident caused by construction at the new Bonner Bridge. Although unanticipated, the electric cooperatives have worked quickly to bring in portable generators that can supply temporary power until the transmission line can be excavated, assessed and repaired. There is too much load for these generators to supply everyone with power at the same time, but emergency services do have power, and homes and businesses are on a schedule of power rotations. I urge you to please continue to do your part; these temporary power sources can only work if we all conserve energy, especially by turning off air conditioners. As North Carolinians and guests to this great state, we are all in this together.

Attached: Two pictures of generators arriving and being set up on the islands.

Kristie Aldridge, CCC

Manager, Digital Communications

North Carolina's Electric Cooperatives

O: 919-645-2430 | M: 919-971-0737

kristie.aldridge@ncemcs.com

F: facebook.com/ncelectriccooperatives <<https://www.facebook.com/ncelectriccooperatives?ref=hl>>

T: @ncelectriccoop <<https://mobile.twitter.com/ncelectriccoop>>

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enforcement personnel, by an authorized state official.

Attachment #1

Generator arrives on Ocracoke Island Thursday night.jpg

Image



Attachment #2

Generator connection at Avon substation.jpg

Image



FW: OBX Power update

From: Mike.Sprayberry@ncdps.gov
To: Will.Polk@ncdps.gov
Sent: August 3, 2017 4:53:21 PM EDT
Received: August 3, 2017 4:53:22 PM EDT

FYI

From: White, Julia W [mailto:Julia.white@nc.gov]
Sent: Thursday, August 3, 2017 4:53 PM
To: Sprayberry, Mike <Mike.Sprayberry@ncdps.gov>
Subject: RE: OBX Power update

Sounds good, thanks.

From: Sprayberry, Mike [mailto:Mike.Sprayberry@ncdps.gov]
Sent: Thursday, August 3, 2017 4:51 PM
To: White, Julia W <Julia.white@nc.gov>
Subject: RE: OBX Power update

Ma'am – for hours of service, the waiver is only good for traveling to the site of emergency...we are checking with DOT on the weight waiver to see if they issued oversize waivers...if they did no need for the SOE for the waivers.

Would recommend that we wait until about 3 to 4 PM tomorrow just to ensure all electrical infrastructure is stable. We will go ahead and have language ready to go to end it.

From: White, Julia W [mailto:Julia.white@nc.gov]
Sent: Thursday, August 3, 2017 4:42 PM
To: Sprayberry, Mike <Mike.Sprayberry@ncdps.gov>
Subject: RE: OBX Power update

Do we need to dissolve the state of emergency or does that remain in place for the waivers?

From: Sprayberry, Mike [mailto:Mike.Sprayberry@ncdps.gov]
Sent: Thursday, August 3, 2017 4:37 PM
To: White, Julia W <Julia.white@nc.gov>; Talley, Noelle S <Noelle.Talley@nc.gov>; Hooks, Erik A. (NCDPS) <erik.hooks@ncdps.gov>; Walker, Pamela <Pamela.Walker@ncdps.gov>; Polk, Will (CCPS) <Will.Polk@ncdps.gov>; Wright, Joe (NCEM) <Joe.Wright@ncdps.gov>; Jarema, Julia (CCPS) <Julia.Jarema@ncdps.gov>
Subject: OBX Power update

Team - below is our concept for moving forward.

Thanks!

Best,

Mike

Michael A. Sprayberry

Director/Deputy Homeland Security Advisor

NC Division of Emergency Management

Cell - 919/369-4174

"What Have You Done For The Counties Today?"

Begin forwarded message:

From: "Wright, Joe" <Joe.Wright@ncdps.gov>

Date: August 3, 2017 at 4:27:30 PM EDT

To: "Sprayberry, Mike" <Mike.Sprayberry@ncdps.gov>

Cc: "Curtis, Dianne" <Dianne.Curtis@ncdps.gov>, "Jarema, Julia" <Julia.Jarema@ncdps.gov>

Subject:OBX Power update

Eastern Branch will coordinate messages from Dare and Hyde Counties on re-entry to the OBX. The power is on and plans are in motion to remove rental generators. The return of power press release needs to be coordinated to occur simultaneously with state and local governments to include re-entry timing.

Dare County is in a Control Group meeting discussing the re-entry now. Hyde has proclamation drafted awaiting date and time coordination with Dare.

NCDOT Ferry Division is prepared and will be supported by NCSHP. NCSHP support will be re-evaluated on Saturday.

Questions to the undersigned.

Joe G. Wright

Deputy Director

North Carolina

Emergency Management

336-380-5852

Sent from my iPhone

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RE: OBX Power update

From: Will.Polk@ncdps.gov
To: Julia.white@nc.gov
Cc: Mike.Sprayberry@ncdps.gov
Sent: August 4, 2017 10:18:10 AM EDT
Received: August 4, 2017 10:18:11 AM EDT

Just a quick update. The counties are standing down their restrictions, but keeping their states of emergency in place.

Best,

Will

Will Polk

Assistant General Counsel

NC Department of Public Safety

Emergency Management

Office of the General Counsel

Raleigh, NC 27699-4201

919-825-2706 (office)

919-715-8477 (fax)

919-219-4534 (mobile)

EMAIL ADDRESS:Will.Polk@ncdps.gov

Twitter: @PolkWork

From: White, Julia W [mailto:Julia.white@nc.gov]
Sent: Friday, August 04, 2017 10:07 AM
To: Polk, Will
Cc: Sprayberry, Mike
Subject: Re: OBX Power update

Thank you.

On Aug 4, 2017, at 9:57 AM, Polk, Will <Will.Polk@ncdps.gov> wrote:

Good morning,

I talked with NCSHP and NCDOT. We will need to keep the SOE in place to allow for the trucks to leave the state. During our 10 a.m. call, I will get an update from the EMC on how soon they think they will return to home station. I will then draft an order standing down the SOE, but keeping the waivers in place to allow for the trucks the ability to leave

the state and return to home station.

Best,

Will

Will Polk

Assistant General Counsel

NC Department of Public Safety

Emergency Management

Office of the General Counsel

Raleigh, NC 27699-4201

919-825-2706 (office)

919-715-8477 (fax)

919-219-4534 (mobile)

EMAIL ADDRESS:Will.Polk@ncdps.gov

Twitter: @PolkWork

From: Sprayberry, Mike

Sent: Thursday, August 03, 2017 4:51 PM

To: White, Julia W

Subject: RE: OBX Power update

Ma'am – for hours of service, the waiver is only good for traveling to the site of emergency...we are checking with DOT on the weight waiver to see if they issued oversize waivers...if they did no need for the SOE for the waivers.

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Subject: RE: OBX Power update

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Sent: Thursday, August 3, 2017 4:37 PM

To: White, Julia W <Julia.white@nc.gov>; Talley, Noelle S <Noelle.Talley@nc.gov>; Hooks, Erik A. (NCDPS) <erik.hooks@ncdps.gov>; Walker, Pamela <Pamela.Walker@ncdps.gov>; Polk, Will (CCPS) <Will.Polk@ncdps.gov>; Wright, Joe (NCEM) <Joe.Wright@ncdps.gov>; Jarema, Julia (CCPS) <Julia.Jarema@ncdps.gov>

Subject: OBX Power update

Team - below is our concept for moving forward.

Thanks!

Best,

Mike

Michael A. Sprayberry

Director/Deputy Homeland Security Advisor

NC Division of Emergency Management

Cell - 919/369-4174

"What Have You Done For The Counties Today?"

Begin forwarded message:

From: "Wright, Joe" <Joe.Wright@ncdps.gov>

Date: August 3, 2017 at 4:27:30 PM EDT

To: "Sprayberry, Mike" <Mike.Sprayberry@ncdps.gov>

Cc: "Curtis, Dianne" <Dianne.Curtis@ncdps.gov>, "Jarema, Julia" <Julia.Jarema@ncdps.gov>

Subject:OBX Power update

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Questions to the undersigned.

Joe G. Wright

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STATEMENT from Cape Hatteras EMC

From: Hotchkiss, Nelle <nelle.hotchkiss@ncemcs.com>
To: Mike Sprayberry <mike.sprayberry@ncdps.gov>, Will Polk <Will.Polk@ncdps.gov>
Sent: July 27, 2017 3:52:54 PM EDT
Received: July 27, 2017 3:53:08 PM EDT
Attachments: 230 pm Outage Update 7.27.17.pdf, ATT00001.txt

Gentlemen:

We need to get the generation units we have secured from Fla. moving to Hatteras and Ocracoke. We need your help. This outage could extend weeks. Nelle

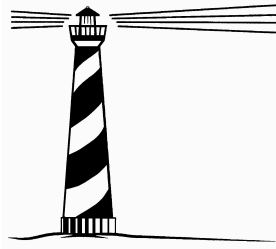
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Attachment #1

230 pm Outage Update 7.27.17.pdf

Original view

1 page



CAPE HATTERAS ELECTRIC COOPERATIVE

P.O. Box 9

47109 Light Plant Road

BUXTON, NORTH CAROLINA 27920-0009

(252) 995-5616 (800) 454-5616 FAX (252) 995-4088

A Touchstone Energy® Cooperative 

FOR IMMEDIATE RELEASE

July 27, 2017

Buxton, NC, 2:00pm - PCL Construction, the company constructing the new Bonner Bridge, has informed CHEC that they drove a steel casing into the underground transmission cable that runs between the south end of the Bonner Bridge and the overhead riser pole, causing the current transmission outage.

CHEC is working to assess the extent of the damage and plan for the repair. Assuming that the cooperative has the materials on hand, repairs could take several days to complete. If materials are not available locally, repairs could take weeks.

CHEC is currently providing temporary power to Buxton, Frisco and part of Hatteras Village via the diesel generating plant. The cooperative is bringing in additional portable generators to supplement the diesel plant. These generators will begin to arrive tonight. Once the generators are online, the cooperative will initiate rolling blackouts.

This will only be possible if load is at minimal levels and everyone is conserving. To minimize load, CHEC is asking residents and visitors to please turn off AC units and minimize other electrical usage.

For updates during this outage, follow Cape Hatteras Electric Cooperative on Facebook and Twitter and tune in to Radio Hatteras (99.9/101.5FM).

###

www.chec.coop

Attachment #2

ATT00001.txt

Sent from my iPad

Fwd: Pic of what cut OBX power cable looks like....

From: Mike.Sprayberry@ncdps.gov
To: julia.white@nc.gov
Sent: July 29, 2017 10:35:20 AM EDT
Received: July 29, 2017 10:35:21 AM EDT
Attachments: IMG_0165.PNG

Thought you might like this to provide some context...

Best,
Mike

Michael A. Sprayberry
Director/Deputy Homeland Security Advisor
NC Division of Emergency Management
Cell - 919/369-4174

"What Have You Done For The Counties Today?"

Subject: Pic of what cut OBX power cable looks like....

... via tideland emc twitter feed (attached)

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Sent via iPhone

Mike Daniska
North Carolina Emergency Management
mike.daniska@ncdps.gov

Attachment #1
IMG_0165.PNG
Image

Verizon

10:19 AM

94%



Tweet



What's the Oregon Inlet transmission cable look like? Here you go. The transmission line consists of 3 such cables. Perfect splicing a must!



7/28/17, 8:16 PM

16 Retweets 21 Likes



Tweet your reply



Re: Pic of what cut OBX power cable looks like....

From: White, Julia W <Julia.white@nc.gov>
To: Sprayberry, Mike (NCEM) <Mike.Sprayberry@ncdps.gov>
Sent: July 29, 2017 10:47:11 AM EDT
Received: July 29, 2017 10:47:20 AM EDT

Fascinating. Thanks!

On Jul 29, 2017, at 10:35 AM, Sprayberry, Mike <Mike.Sprayberry@ncdps.gov> wrote:

Thought you might like this to provide some context...

Best,
Mike

Michael A. Sprayberry
Director/Deputy Homeland Security Advisor
NC Division of Emergency Management
Cell - 919/369-4174

"What Have You Done For The Counties Today?"

Subject: Pic of what cut OBX power cable looks like....

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Sent via iPhone

Mike Daniska
North Carolina Emergency Management
mike.daniska@ncdps.gov

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<IMG_0165.PNG>

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Re: Pic of what cut OBX power cable looks like....

From: Mike.Sprayberry@ncdps.gov
To: Mike.Daniska@ncdps.gov
Sent: July 29, 2017 10:50:37 AM EDT
Received: July 29, 2017 10:50:39 AM EDT

Good stuff doctor Daniska!

Best,
Mike

Michael A. Sprayberry
Director/Deputy Homeland Security Advisor
NC Division of Emergency Management
Cell - 919/369-4174

"What Have You Done For The Counties Today?"

On Jul 29, 2017, at 10:21 AM, Daniska, Mike <Mike.Daniska@ncdps.gov> wrote:

... via tideland emc twitter feed (attached)

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<IMG_0165.PNG>

Sent via iPhone

Mike Daniska
North Carolina Emergency Management
mike.daniska@ncdps.gov

Fwd: CHEC Brugg Cable Spec.pdf

From: Trogdon, James H <jhtrogdon@ncdot.gov>
To: Sprayberry, Mike (NCEM) <Mike.Sprayberry@ncdps.gov>
Sent: July 30, 2017 9:32:30 AM EDT
Received: July 30, 2017 9:32:36 AM EDT
Attachments: CHEC Brugg Cable Spec.pdf

Cable needed for plan B.

MG(R) James H. Trogdon, III, PE

Secretary

North Carolina Department of Transportation

919 707 2800 office

919 733 9150 fax

jhtrogdon@ncdot.gov

Twitter: @NCDOT_Trogdon

1 South Wilmington Street

1501 Mail Service Center

Raleigh, North Carolina 27699-1501

From: Trogdon, James H
Sent: Sunday, July 30, 08:49
Subject: CHEC Brugg Cable Spec.pdf
To: Bryant, Stephen

Stephen

Need Carl's contacts and knowledge. Trying to locate potential sources of the attached cable for Oregon Inlet.

Cape Hatteras Electric believes the only source is supplier in Germany. I would like to see if any US electric utility may have 300 yards in inventory that we could obtain and replace with a new purchase from the German Supplier/Manufacturer.

Any assistance or input from folks in the industry would be appreciated.

Regards

JIM

MG(R) James H. Trogdon, III, PE

Secretary

North Carolina Department of Transportation

919 707 2800 office

919 733 9150 fax

jhtrogdon@ncdot.gov

Twitter: @NCDOT_Trogdon

1 South Wilmington Street

1501 Mail Service Center

Raleigh, North Carolina 27699-1501

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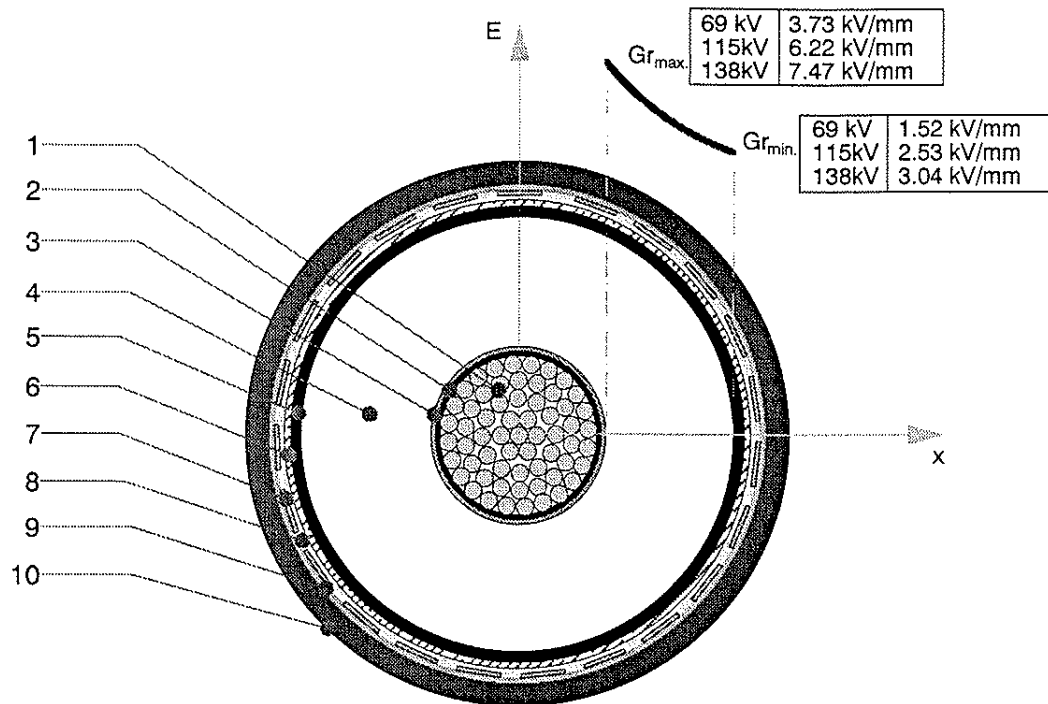
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Attachment #1

CHEC Brugg Cable Spec.pdf

Original view

9 pages (displayed on pages 63 to 71)



- 1 - Copper Conductor
- 2 - Semi-Conductive Tape
- 3 - Semi - Conductor - Extruded
- 4 - XLPE Insulation - Extruded
- 5 - Semi-Conductor - Extruded
- 6 - Semi-Conductive Bedding Tape
- 7 - Copper Flat Wire Sheath
- 8 - Semi-Conductive Bedding Tape
- 9 - Laminated Copper Sheath
- 10 - HDPE Outer Sheath

Nominal Thickness		Nominal Diameter	
mm	mils	mm	mils
-	-	21.3	839
0.2	8	21.7	854
1.0	39	23.7	933
17.3	681	58.3	2295
1.20	47	60.7	2390
0.8	31	62.3	2453
23 x 0.6	24	63.5	2500
0.8	31	65.1	2563
0.2	8	65.5	2579
3.3	130	72.1	2839

Weight : 4.5 lb/ft.
Maximum Pulling Tension : 4,046 lbs.
Maximum Pulling Distance : 4,499 ft.

BRUGG CABLE, INC.

138kV XLPE (XDfCu-CuT 1x300 mm²)

Max. Volt: 145 kV BIL: 650 kV Scale: 1:1

**PROPOSED CABLE CONSTRUCTION FOR
CAPE HATTERAS, 115kV PROJECT**

I.D. N°: XDfCu-CuT/145/300 Rev.: INFO

Drawing N°: 2062-2 Date: 4-20-94

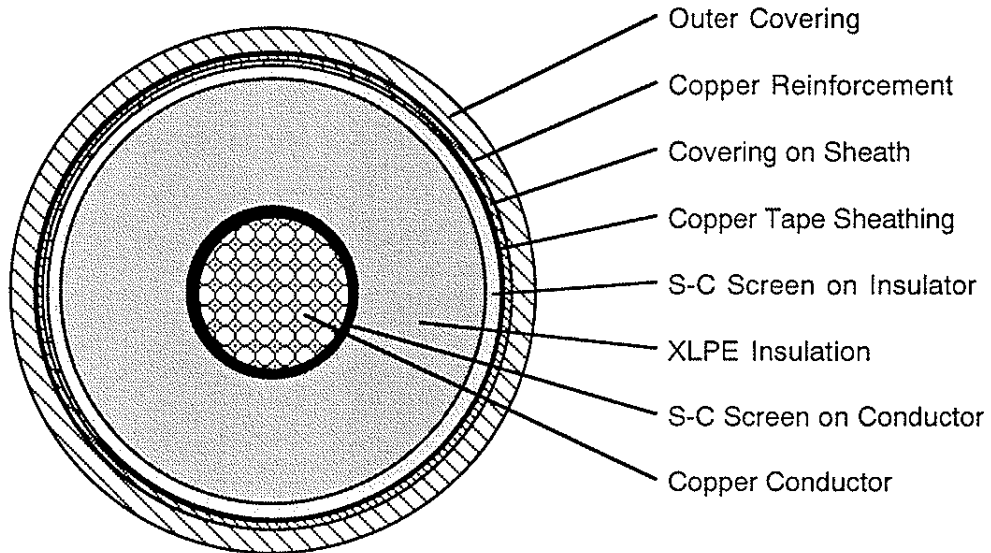
P.O.:

T-138kV-XDfCu-CuT/300mm

SINGLE CONDUCTOR - 300 mm²

XDFCu-CuT;Calc max amps @90°C cond.,in Air

Outer Cable Diameter 72.10 mm



Laying Parameters

Distance between Conductors : 20.00 cm

Flat

Coupling

Not Cross bonded

Grounded in 1 Point

Electrical Parameters

Voltage : 115.0 kV

Frequency : 60.0 Hz

Current : 0.0 A

Temperatures

Conductor : 90.0° C

Outside Cable : 90.0° C

Sheath : 90.0° C

Ambient : 36.0° C

Installation

In Air

CABLE XLPE 115.0 kV 1 X 300 mm2

LAYING : 3 CABLE(S) IN FREE AIR
===== , FLAT

SHEATHS GROUNDED IN 1 POINT(S) WITHOUT CROSSING
CABLES NOT TRANSPOSED
DEPTH : 0 cm DISTANCE OF AXES : 20.00 cm

CONSTRUCTION
=====

CONDUCTOR	:	Copper	mm	mm	mm
		ROUND COMPACT NOT IMPREGN.			
		RES. AT 20 C : 0.0601000 (Ohm/km)		0.0	21.3
S-C EXTRUDED	:	3.5	1.20	21.3	23.7
INSULATION	:	XLPE 3.5	17.30	23.7	58.3
S-C EXTRUDED	:	3.5	2.00	58.3	62.3
SHEATH/SCREEN:		Copper TAPES	0.60	62.3	63.5
		CROSS-SECTION : 94.85			
		MEDIUM SHEATH DIAMETER: 64.11			
COVERING	:	3.5	0.80	63.5	65.1
REINFORCEMENT:		Copper	0.20	65.1	65.5
COVERING	:	3.5	3.30	65.5	72.1

OPERATIONAL CONDITIONS
=====

TEMPERATURES: (degrees C)

THERMAL RESISTIVITY OF SOIL	0.00	AMBIENT	36.0
FREQUENCY (Hz)	60.	CONDUCTOR	90.0
HEAT DISSIP. FACTOR	4.216584	SHEATH	61.9
		OUTSIDE OF CABLE	58.7

ADMISSIBLE CURRENT (LF= 68.8 % 1S): 774. A

CHARGING CURRENT (A/km) 3.86 GRADIENT (kV/mm) 6.22

RESISTANCES (Ohm/km) THERMAL RESISTANCES C*m/W

ALTERNATIF CURRENT	0.078225	INSULATION	0.598
DIRECT CURRENT	0.076634	COVERING ON SHEATH	0.067
SHEATH+REINFMNT.+ARMOUR	0.361003	COVERING ON ARMOURING	0.000
		OUTSIDE	0.479

SKINEFFECT 0.019847

PROXIMITY EFFECT 0.000917 CAPACITY (MICRO-F/km) 0.154

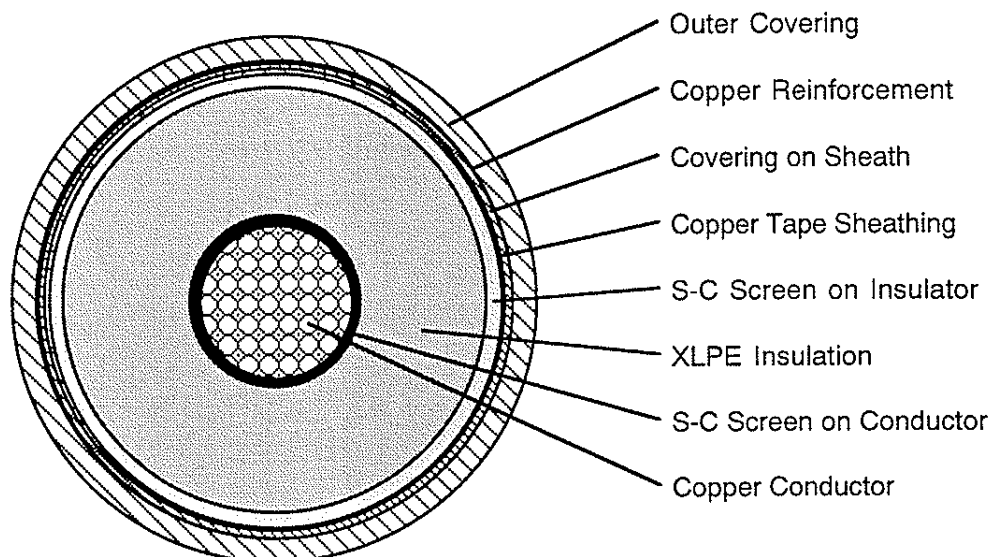
LOSSES (kW/km)

CONDUCTOR	46.813	DIELECTRICAL	0.256
SHEATHS / CONDUCTORS	0.002	0.008	0.002
SHEATHS	0.094	0.361	0.094
TOTAL PER CABLE	47.163	47.431	47.164

IND. VOLTAGE 132. (V/km)

SINGLE CONDUCTOR - 300 mm²

XDFCu-CuT;Calc max temp @352 amps,buried trifoil
Outer Cable Diameter 72.10 mm



Laying Parameters

Distance between Conductors : 20.00 cm
In Trefoil

Coupling

Not Cross bonded
Grounded in 1 Point

Electrical Parameters

Voltage : 115.0 kV
Frequency : 60.0 Hz
Current : 0.0 A

Temperatures

Conductor : 90.0° C	Outside Cable : 90.0° C
Sheath : 90.0° C	Ambient : 36.0° C

Installation

In System of Identical Elements in Duct Bank
Depth Ref. Element : 92.00 cm
No. of Elements : 3

CABLE XLPE 115.0 kV 1 X 300 mm2

LAYING : 3 CABLE(S) IN DUCT-BANK
===== IN TREFOIL

SHEATHS GROUNDED IN 1 POINT(S) WITHOUT CROSSING
CABLES NOT TRANSPOSED
DEPTH : 92 cm DISTANCE OF AXES : 20.00 cm

CONSTRUCTION
=====

CONDUCTOR	:	Copper	mm	mm	mm
		ROUND COMPACT NOT IMPREGN.			
		RES. AT 20 C : 0.0601000 (Ohm/km)		0.0	21.3
S-C EXTRUDED	:	3.5	1.20	21.3	23.7
INSULATION	:	XLPE 3.5	17.30	23.7	58.3
S-C EXTRUDED	:	3.5	2.00	58.3	62.3
SHEATH/SCREEN:		Copper TAPES	0.60	62.3	63.5
		CROSS-SECTION : 94.85			
		MEDIUM SHEATH DIAMETER: 64.11			
COVERING	:	3.5	0.80	63.5	65.1
REINFORCEMENT:		Copper	0.20	65.1	65.5
COVERING	:	3.5	3.30	65.5	72.1
TUBE	:	5.0		128.0	141.0

OPERATIONAL CONDITIONS
=====

TEMPERATURES: (degrees C)

THERMAL RESISTIVITY OF SOIL	0.90	AMBIENT	36.0
FREQUENCY (Hz)	60.	CONDUCTOR	90.0
HEAT DISSIP. FACTOR	0.000000	SHEATH	74.7
		OUTSIDE OF PIPE	61.6

ADMISSIBLE CURRENT (LF= 88.6 % 1S): 571. A

CHARGING CURRENT (A/km) 3.86 GRADIENT (kV/mm) 6.22

RESISTANCES (Ohm/km) THERMAL RESISTANCES C*m/W

ALTERNATIF CURRENT	0.078225	INSULATION	0.598
DIRECT CURRENT	0.076634	COVERING ON SHEATH	0.067
SHEATH+REINFMNT.+ARMOUR	0.373650	COVERING ON ARMOURING	0.000
		OUTSIDE	1.431

SKINEFFECT 0.019847

PROXIMITY EFFECT 0.000917 CAPACITY (MICRO-F/km) 0.154

LOSSES (kW/km)

CONDUCTOR	25.472	DIELECTRICAL	0.256
SHEATHS / CONDUCTORS	0.004	0.004	0.004
SHEATHS	0.097	0.097	0.097
TOTAL PER CABLE	25.825	25.825	25.825

IND. VOLTAGE 79. (V/km)

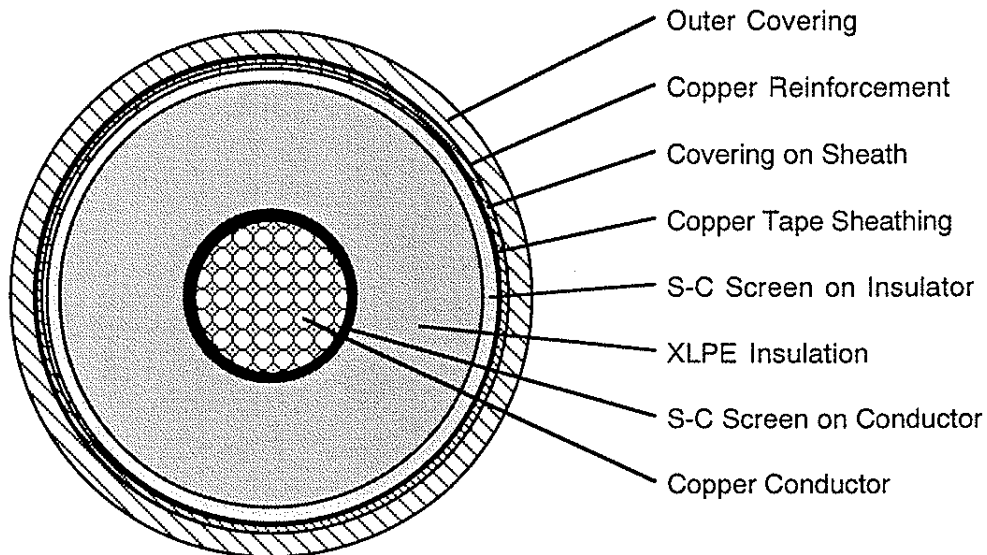
BRUGG 30.06.94

1 ELEMENT = [*]

Lossfactor	:	0.88600
Thermal resistivity of soil (C.m/W)	:	0.90000
External thermal Resistance (C.m/W)	:	1.43101
Thermal resistivity of tube (C.m/W)	:	5.00000
Inner diameter of tube (mm)	:	128.00
Outer diameter of tube (mm)	:	141.00

SINGLE CONDUCTOR - 300 mm²

XDFCu-CuT;Calc max temp @352 amps,buried flat
Outer Cable Diameter 72.10 mm



Laying Parameters

Distance between Conductors : 20.00 cm
Flat

Coupling

Not Cross bonded
Grounded in 1 Point

Electrical Parameters

Voltage : 115.0 kV
Frequency : 60.0 Hz
Current : 352.0 A

Temperatures

Conductor : 90.0° C	Outside Cable : 90.0° C
Sheath : 90.0° C	Ambient : 36.0° C

Installation

In System of Identical Elements in Duct Bank
Depth Ref. Element : 92.00 cm
No. of Elements : 3

CABLE XLPE 115.0 kV 1 X 300 mm2

LAYING : 3 CABLE(S) IN DUCT-BANK
===== , FLAT

SHEATHS GROUNDED IN 1 POINT(S) WITHOUT CROSSING
CABLES NOT TRANSPOSED
DEPTH : 92 cm DISTANCE OF AXES : 20.00 cm

CONSTRUCTION
=====

CONDUCTOR	:	Copper	mm	mm	mm
		ROUND COMPACT NOT IMPREGN.			
		RES. AT 20 C : 0.0601000 (Ohm/km)		0.0	21.3
S-C EXTRUDED	:	3.5	1.20	21.3	23.7
INSULATION	:	XLPE 3.5	17.30	23.7	58.3
S-C EXTRUDED	:	3.5	2.00	58.3	62.3
SHEATH/SCREEN:		Copper TAPES	0.60	62.3	63.5
		CROSS-SECTION : 94.85			
		MEDIUM SHEATH DIAMETER: 64.11			
COVERING	:	3.5	0.80	63.5	65.1
REINFORCEMENT:		Copper	0.20	65.1	65.5
COVERING	:	3.5	3.30	65.5	72.1
TUBE	:	5.0		128.0	141.0

OPERATIONAL CONDITIONS
=====

TEMPERATURES: (degrees C)

THERMAL RESISTIVITY OF SOIL	0.90	AMBIENT	36.0
FREQUENCY (Hz)	60.	CONDUCTOR	55.2
HEAT DISSIP. FACTOR	0.000000	SHEATH	49.9
		OUTSIDE OF PIPE	44.9

ADMISSIBLE CURRENT (LF= 88.6 % 1S): 352. A

CHARGING CURRENT (A/km) 3.86 GRADIENT (kV/mm) 6.22

RESISTANCES (Ohm/km)		THERMAL RESISTANCES	C*m/W
ALTERNATIF CURRENT	0.070179	INSULATION	0.598
DIRECT CURRENT	0.068405	COVERING ON SHEATH	0.067
SHEATH+REINFMNT.+ARMOUR	0.348987	COVERING ON ARMOURING	0.000
		OUTSIDE	1.471

SKINEFFECT 0.024808

PROXIMITY EFFECT 0.001127 CAPACITY (MICRO-F/km) 0.154

LOSSES (kW/km)

CONDUCTOR	8.695	DIELECTRICAL	0.256
SHEATHS / CONDUCTORS	0.002	0.009	0.002
SHEATHS	0.020	0.077	0.020
TOTAL PER CABLE	8.972	9.029	8.972

IND. VOLTAGE 60. (V/km)

XDFCu-CuT;Calc max temp @352 amps,buried flat
File Name : 138kV,300mm2,XDFCu-CuT,Buryflat

BRUGG 30.06.94

LAYING : 3 ELEMENT(S) IN DUCT-BANK PLASTIC
=====

1 ELEMENT = [*]

0
////////////////////////////////////

92 [0] <20> [40]

Lossfactor	: 0.88600
Thermal resistivity of soil (C.m/W)	: 0.90000
External thermal Resistance (C.m/W)	: 1.47067
Thermal resistivity of tube (C.m/W)	: 5.00000
Inner diameter of tube (mm)	: 128.00
Outer diameter of tube (mm)	: 141.00

Re: CHEC Brugg Cable Spec.pdf

From: Mike.Sprayberry@ncdps.gov
To: jhtrogdon@ncdot.gov
Sent: July 30, 2017 9:32:57 AM EDT
Received: July 30, 2017 9:32:57 AM EDT

Acknowledged receipt

Best,
Mike

Michael A. Sprayberry
Director/Deputy Homeland Security Advisor
NC Division of Emergency Management
Cell - 919/369-4174

"What Have You Done For The Counties Today?"

On Jul 30, 2017, at 9:32 AM, Trogdon, James H <jhtrogdon@ncdot.gov> wrote:

Cable needed for plan B.

MG(R) James H. Trogdon, III, PE

Secretary

North Carolina Department of Transportation

919 707 2800 office

919 733 9150 fax

jhtrogdon@ncdot.gov

Twitter: @NCDOT_Trogdon

1 South Wilmington Street

1501 Mail Service Center

Raleigh, North Carolina 27699-1501

From: Trogdon, James H
Sent: Sunday, July 30, 08:49
Subject: CHEC Brugg Cable Spec.pdf
To: Bryant, Stephen

Stephen

Need Carl's contacts and knowledge. Trying to locate potential sources of the attached cable for Oregon Inlet.

Cape Hatteras Electric believes the only source is supplier in Germany. I would like to see if any US electric utility may have 300 yards in inventory that we could obtain and replace with a new purchase from the German Supplier/Manufacturer.

Any assistance or input from folks in the industry would be appreciated.

Regards

JIM

MG(R) James H. Trogdon, III, PE

Secretary

North Carolina Department of Transportation

919 707 2800 office

919 733 9150 fax

jhtrogdon@ncdot.gov

Twitter: @NCDOT_Trogdon

1 South Wilmington Street

1501 Mail Service Center

Raleigh, North Carolina 27699-1501

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<CHEC Brugg Cable Spec.pdf>

Fwd: Draft start

From: Talley, Noelle S <Noelle.Talley@nc.gov>
To: Trogdon, James H <jhtrogdon@ncdot.gov>, Hooks, Erik A. (NCDPS) <erik.hooks@ncdps.gov>, Sprayberry, Mike (NCEM) <Mike.Sprayberry@ncdps.gov>, Beaty, Greer B <gbeaty@ncdot.gov>, Walker, Pamela <Pamela.Walker@ncdps.gov>, Walker, Pamela <Pamela.Walker@ncdps.gov>
Sent: July 30, 2017 7:04:17 PM EDT
Received: July 30, 2017 7:04:23 PM EDT
Attachments: OBX draft.docx, ATT00001.htm

Good evening. We would appreciate your review and feedback this evening. Thanks.

Sent from my iPhone

Begin forwarded message:

From: "White, Julia W" <Julia.white@nc.gov>
Date: July 30, 2017 at 5:59:12 PM EDT
To: "Talley, Noelle S" <Noelle.Talley@nc.gov>, "Weiner, Sadie" <sadie.weiner@nc.gov>, "Eudy, Ken" <ken.eudy@nc.gov>, "Whichard, Jordan" <Jordan.Whichard@nc.gov>, "Bryant, Stephen" <stephen.bryant@nc.gov>, "Jones, Kristi - Governor's Office" <Kristi.Jones@nc.gov>, "McKinney, William C" <William.McKinney@nc.gov>
Subject: Draft start

Of talking points. I put in brackets the items we're aware of but unsure about whether they are ready to be shared. DOT and EM probably best source for confirmation.

Welcome others' input. Noelle can you share with them once you've added/edited?

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Attachment #1

OBX draft.docx

Original view

2 pages (displayed on pages 76 to 77)

Comments: July 30, 2017

Draft

Everyone's number one priority is to get full power back on to these residences and businesses quickly but also safely.

In the short term our emergency responders and transportation officials are working to get [10-15] more large generators and necessary equipment in place.

In some instances that will require working with other states to expedite weight and hours of service waivers so these power supplies can be on the ground and running.

It's the hope of all of us to get up to a level when visitors can start returning, and I can pledge continued state resources to make this happen. The cooperation between state and local workers here is evident, and it's making a difference finding a solution.

[For background, aiming for 33 megawatts in two days; 45 by week's end, which would allow visitors to return]

I've encouraged local leaders here to work toward multiple solutions until we know which one will work, [possibly whether an overhead power supply] to help these southern islands welcome visitors again while repairs to the main power supply are underway.

[Already one cable splice is underway and we are asking other utilities for help in identifying supplies needed for the other damaged lines].

I know your leaders here in Dare and Hyde counties appreciate the energy conservation already in place, and the patience shown by everyone affected by this construction mistake.

Folks along this beautiful seashore have seen their share of adversity, from hurricanes to nor'easters, and they are resilient.

And in this case, there's no reason for visitors to other parts of Dare County to stay away—the welcoming spirit is still here, and so are the great businesses and beaches who welcome visitors from all over the world.

It's vital to stay safe, but also to find a fix that will work this week and for years to come.

###

Attachment #2

ATT00001.htm

Original view

1 page

RE: Draft start

From: Mike.Sprayberry@ncdps.gov
To: Noelle.Talley@nc.gov, jhtrogdon@ncdot.gov, Erik.Hooks@ncdps.gov, gbeaty@ncdot.gov, Pamela.Walker@ncdps.gov
Sent: July 30, 2017 7:57:40 PM EDT
Received: July 30, 2017 7:57:40 PM EDT
Attachments: OBX draft.docx

Team – my comments are in bold...standing by for questions.

Thanks,

Mike

From: Talley, Noelle S [mailto:Noelle.Talley@nc.gov]
Sent: Sunday, July 30, 2017 7:04 PM
To: Trogdon, James H <jhtrogdon@ncdot.gov>; Hooks, Erik A. <Erik.Hooks@ncdps.gov>; Sprayberry, Mike <Mike.Sprayberry@ncdps.gov>; Beaty, Greer B <gbeaty@ncdot.gov>; Walker, Pamela <Pamela.Walker@ncdps.gov>
Subject: Fwd: Draft start

Good evening. We would appreciate your review and feedback this evening. Thanks.

Sent from my iPhone

Begin forwarded message:

From: "White, Julia W" <Julia.white@nc.gov>
Date: July 30, 2017 at 5:59:12 PM EDT
To: "Talley, Noelle S" <Noelle.Talley@nc.gov>, "Weiner, Sadie" <sadie.weiner@nc.gov>, "Eudy, Ken" <ken.eudy@nc.gov>, "Whichard, Jordan" <Jordan.Whichard@nc.gov>, "Bryant, Stephen" <stephen.bryant@nc.gov>, "Jones, Kristi - Governor's Office" <Kristi.Jones@nc.gov>, "McKinney, William C" <William.McKinney@nc.gov>
Subject: Draft start

Of talking points. I put in brackets the items we're aware of but unsure about whether they are ready to be shared. DOT and EM probably best source for confirmation.

Welcome others' input. Noelle can you share with them once you've added/edited?

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Attachment #1

OBX draft.docx

Original view

2 pages (displayed on pages 83 to 84)

Comments: July 30, 2017

Draft

Everyone's number one priority is to get full power back on to these residences and businesses quickly but also safely.

In the short term, the NC Electric Membership Corporation, in cooperation with local EMCs, emergency managers and transportation officials are working to get 10 more large generators and necessary equipment in place.

In some instances that will require working with other states to expedite weight and hours of service waivers so these power supplies can be on the ground and running.

It's the hope of all of us to get up to a level when visitors can start returning, and I can pledge continued state resources to make this happen. The cooperation between state and local workers here is evident, and it's making a difference finding a solution.

[For background, aiming for 33 megawatts in two days; 45 by week's end is possible but the NC EMC requests the Governor doesn't mention the 45 megawatts because their engineers are concerned about ensuring the continuity of temporary power for the residents...there is a possibility that if they bring in so much additional wattage that it could have an adverse effect on the power generation system....bottom line, they haven't finalized the plan for a higher amount of wattage so probably better not to get into this topic.]

I've encouraged local leaders here to work toward multiple solutions until we know which one will work, [possibly whether an overhead power supply] to help these southern islands welcome visitors again while repairs to the main power supply are underway.

NC DOT has provided right of way to NC EMC to build an overhead power transmission line should this be determined as the most efficient course of action. NC EMC is prepared to immediately begin construction of the overhead line if this is the decision. Additionally, one of the three damaged cables is currently under repair (being spliced) and there is a possibility that the other two can be repaired in

the coming days. We will know whether this is a feasible option once the NC EMC completes inspection of the two other damaged cables.

[Already one cable splice is underway and we are asking other utilities for help in identifying supplies needed for the other damaged lines].

I know your leaders here in Dare and Hyde counties appreciate the energy conservation already in place, and the patience shown by everyone affected by this construction mistake.

Folks along this beautiful seashore have seen their share of adversity, from hurricanes to nor'easters, and they are resilient.

And in this case, there's no reason for visitors to other parts of Dare County to stay away—the welcoming spirit is still here, and so are the great businesses and beaches who welcome visitors from all over the world.

It's vital to stay safe, but also to find a fix that will work this week and for years to come.

###

Re: Draft start

From: Talley, Noelle S <Noelle.Talley@nc.gov>
To: Hooks, Erik A. (NCDPS) <erik.hooks@ncdps.gov>, Sprayberry, Mike (NCEM) <Mike.Sprayberry@ncdps.gov>
Cc: Trogdon, James H <jhtrogdon@ncdot.gov>, Beaty, Greer B <gbeaty@ncdot.gov>, Walker, Pamela <Pamela.Walker@ncdps.gov>
Sent: July 30, 2017 8:50:23 PM EDT
Received: July 30, 2017 8:50:30 PM EDT
Attachments: OBX draft updated.doc

Thank you everyone for the helpful feedback. Here is the updated version.

From: Hooks, Erik A. <Erik.Hooks@ncdps.gov>
Sent: Sunday, July 30, 2017 8:46:37 PM
To: Sprayberry, Mike (NCEM)
Cc: Talley, Noelle S; Trogdon, James H; Beaty, Greer B; Walker, Pamela
Subject: Re: Draft start
Thank you for running those down Mike.

Erik A. Hooks
Secretary

On Jul 30, 2017, at 7:57 PM, Sprayberry, Mike <Mike.Sprayberry@ncdps.gov> wrote:

Team – my comments are in bold...standing by for questions.

Thanks,

Mike

From: Talley, Noelle S [mailto:Noelle.Talley@nc.gov]
Sent: Sunday, July 30, 2017 7:04 PM
To: Trogdon, James H <jhtrogdon@ncdot.gov>; Hooks, Erik A. <Erik.Hooks@ncdps.gov>; Sprayberry, Mike <Mike.Sprayberry@ncdps.gov>; Beaty, Greer B <gbeaty@ncdot.gov>; Walker, Pamela <Pamela.Walker@ncdps.gov>
Subject: Fwd: Draft start

Good evening. We would appreciate your review and feedback this evening. Thanks.

Sent from my iPhone

Begin forwarded message:

From: "White, Julia W" <Julia.white@nc.gov>
Date: July 30, 2017 at 5:59:12 PM EDT
To: "Talley, Noelle S" <Noelle.Talley@nc.gov>, "Weiner, Sadie" <sadie.weiner@nc.gov>, "Eudy, Ken" <ken.eudy@nc.gov>, "Whichard, Jordan" <Jordan.Whichard@nc.gov>, "Bryant, Stephen" <stephen.bryant@nc.gov>, "Jones, Kristi - Governor's Office" <Kristi.Jones@nc.gov>, "McKinney, William C" <William.McKinney@nc.gov>
Subject: Draft start

Of talking points. I put in brackets the items we're aware of but unsure about whether they are ready to be shared. DOT and EM probably best source for confirmation.

Welcome others' input. Noelle can you share with them once you've added/edited?

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<OBX draft.docx>

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Attachment #1

OBX draft updated.doc

Original view

2 pages (displayed on pages 88 to 89)

Comments: Outer Banks Visit July 31, 2017

Draft

Everyone's number one priority is to get full power back on to these residences and businesses quickly but also safely.

In the short term, the NC Electric Membership Corporation, in cooperation with local electric coops, emergency managers and transportation officials are working to get 10 more large generators and necessary equipment in place.

In some instances that will require working with other states to expedite weight and hours of service waivers so these power supplies can be on the ground and running.

It's the hope of all of us to get up to a level where visitors can start returning, and I can pledge continued state resources to make this happen. The cooperation between state and local workers here is evident, and it's making a difference in finding a solution.

I've encouraged local leaders here to work toward multiple solutions until we know which one will work, possibly whether an overhead power supply to help these southern islands welcome visitors again while repairs to the main power supply are underway.

Already one cable splice is underway and we are asking other utilities for help in identifying supplies needed for the other damaged lines.

I know your leaders here in Dare and Hyde counties appreciate the energy conservation already in place, and the patience shown by everyone affected by this construction mistake.

I pledge every resource the state can bring to bear to see power restored safely and quickly, and I appreciate everyone working together to find and implement solutions to make that happen.

State officials including Emergency Management, Transportation and Commerce are in ongoing communication with Hyde and Dare officials offering the full support of the State of North Carolina to solve this

unprecedented complete loss of power delivery to Hatteras and Ocracoke islands.

Folks along this beautiful seashore have seen their share of adversity, from hurricanes to nor'easters, and they are resilient.

And in this case, there's no reason for visitors to other parts of Dare County to stay away—the welcoming spirit is still here, and so are the great businesses and beaches who welcome visitors from all over the world.

It's vital to stay safe, but also to find a fix that will work this week and for years to come.

###

Additional background with updates from Mike Sprayberry:

Aiming for 33 megawatts in two days; 45 by week's end is possible but the NC EMC requests the Governor doesn't mention the 45 megawatts because their engineers are concerned about ensuring the continuity of temporary power for the residents...there is a possibility that if they bring in so much additional wattage that it could have an adverse effect on the power generation system....bottom line, they haven't finalized the plan for a higher amount of wattage so probably better not to get into this topic.

NC DOT has provided right of way to NC EMC to build an overhead power transmission line should this be determined as the most efficient course of action. NC EMC is prepared to immediately begin construction of the overhead line if this is the decision.

Re: Draft start

From: Talley, Noelle S <Noelle.Talley@nc.gov>
To: Sprayberry, Mike (NCEM) <Mike.Sprayberry@ncdps.gov>
Sent: July 30, 2017 9:01:53 PM EDT
Received: July 30, 2017 9:02:00 PM EDT

Thank you.

From: Sprayberry, Mike <Mike.Sprayberry@ncdps.gov>
Sent: Sunday, July 30, 2017 8:56:12 PM
To: Talley, Noelle S
Subject: RE: Draft start

Noelle –

This is what we have....

“Already one cable splice is underway and we are asking other utilities for help in identifying supplies needed for the other damaged lines.”

A more accurate statement would be...

“Already one cable splice is underway and utility teams are working hard to assess the damages in the other two cables to determine possible repair strategies.”

Thanks!

Mike

From: Talley, Noelle S [mailto:Noelle.Talley@nc.gov]
Sent: Sunday, July 30, 2017 8:50 PM
To: Hooks, Erik A. <Erik.Hooks@ncdps.gov>; Sprayberry, Mike <Mike.Sprayberry@ncdps.gov>
Cc: Trogon, James H <jhtrogon@ncdot.gov>; Beaty, Greer B <gbeaty@ncdot.gov>; Walker, Pamela <Pamela.Walker@ncdps.gov>
Subject: Re: Draft start

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From: Hooks, Erik A. <Erik.Hooks@ncdps.gov>
Sent: Sunday, July 30, 2017 8:46:37 PM
To: Sprayberry, Mike (NCEM)
Cc: Talley, Noelle S; Trogon, James H; Beaty, Greer B; Walker, Pamela
Subject: Re: Draft start

Thank you for running those down Mike.

Erik A. Hooks

Secretary

On Jul 30, 2017, at 7:57 PM, Sprayberry, Mike <Mike.Sprayberry@ncdps.gov> wrote:

Team – my comments are in bold...standing by for questions.

Thanks,

Mike

From: Talley, Noelle S [mailto:Noelle.Talley@nc.gov]

Sent: Sunday, July 30, 2017 7:04 PM

To: Trogdon, James H <jhtrogdon@ncdot.gov>; Hooks, Erik A. <Erik.Hooks@ncdps.gov>; Sprayberry, Mike <Mike.Sprayberry@ncdps.gov>; Beaty, Greer B <gbeaty@ncdot.gov>; Walker, Pamela <Pamela.Walker@ncdps.gov>
Subject: Fwd: Draft start

Good evening. We would appreciate your review and feedback this evening. Thanks.

Sent from my iPhone

Begin forwarded message:

From: "White, Julia W" <Julia.white@nc.gov>

Date: July 30, 2017 at 5:59:12 PM EDT

To: "Talley, Noelle S" <Noelle.Talley@nc.gov>, "Weiner, Sadie" <sadie.weiner@nc.gov>, "Eudy, Ken" <ken.eudy@nc.gov>, "Whichard, Jordan" <Jordan.Whichard@nc.gov>, "Bryant, Stephen" <stephen.bryant@nc.gov>, "Jones, Kristi - Governor's Office" <Kristi.Jones@nc.gov>, "McKinney, William C" <William.McKinney@nc.gov>
Subject: Draft start

Of talking points. I put in brackets the items we're aware of but unsure about whether they are ready to be shared. DOT and EM probably best source for confirmation.

Welcome others' input. Noelle can you share with them once you've added/edited?

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<OBX draft.docx>

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Email correspondence to and from this address may be subject to the North Carolina Public Records Law and may be disclosed to third parties by an authorized state official.

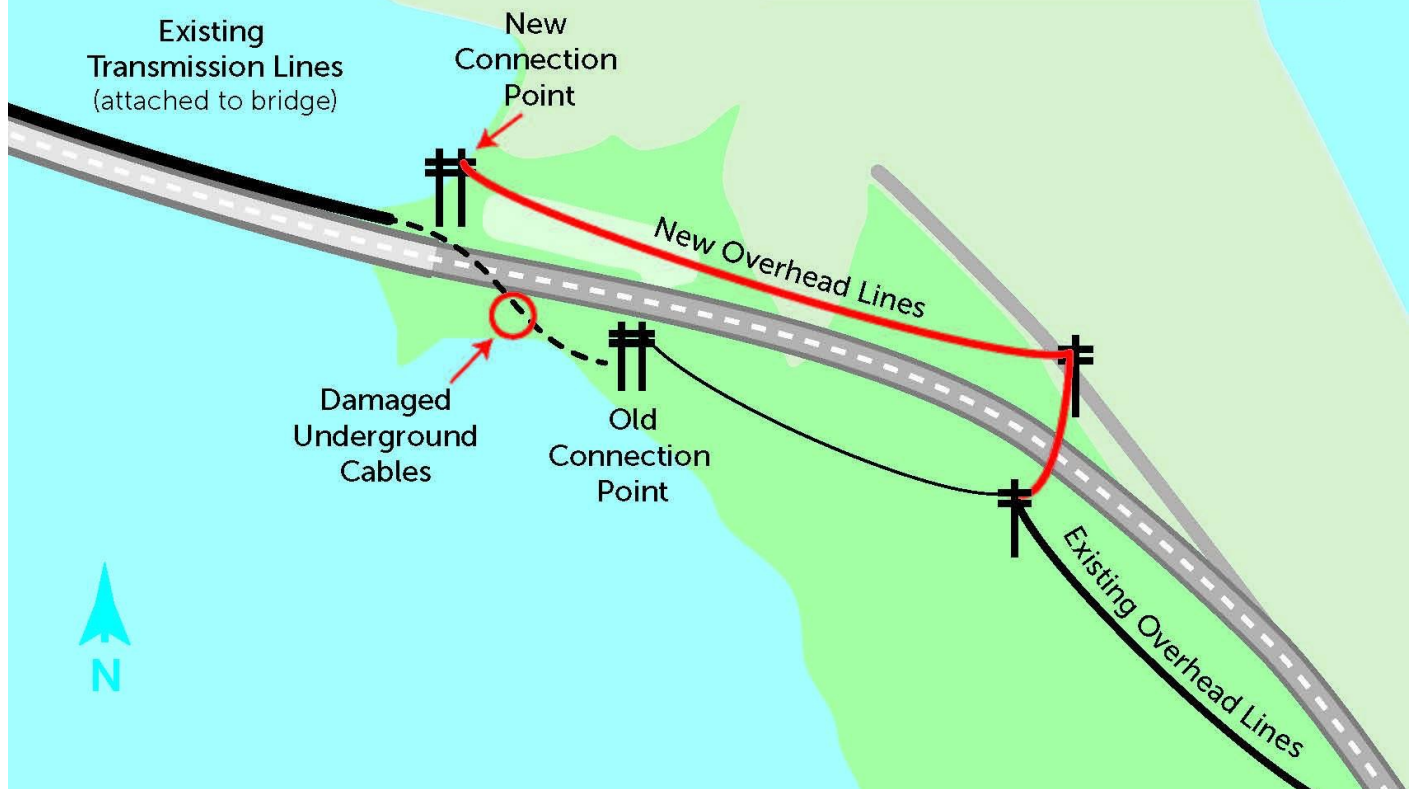
Graphic of Overhead Transmission Repair at Bonner Bridge

From: Hotchkiss, Nelle <nelle.hotchkiss@ncemcs.com>
To: Mike Sprayberry <mike.sprayberry@ncdps.gov>, Steve Davis <Steve.Davis@ncdps.gov>
Cc: Rouse, Jay <jay.rouse@ncemcs.com>
Sent: August 3, 2017 12:10:34 PM EDT
Received: August 3, 2017 12:11:00 PM EDT
Attachments: IMG_0322.JPG, ATT00001.txt

E-mail correspondence sent to and from this address may be subject to the provisions of G.S. 132-1, the North Carolina Public Records Law, and may be subject to monitoring and disclosed to third parties, including law enforcement personnel, by an authorized state official.

CHEC Bonner Bridge Transmission Repairs

On July 27, bridge construction crews accidentally damaged transmission cables serving Hatteras and Ocracoke islands. Cape Hatteras Electric Cooperative is restoring transmission service with new overhead lines.



Attachment #2
ATT00001.txt

Sent from my iPad

Re: Graphic of Overhead Transmission Repair at Bonner Bridge

From: Hotchkiss, Nelle <nelle.hotchkiss@ncemcs.com>
To: Mike Sprayberry <mike.sprayberry@ncdps.gov>, Steve Davis <Steve.Davis@ncdps.gov>
Cc: Rouse, Jay <jay.rouse@ncemcs.com>
Sent: August 3, 2017 12:13:52 PM EDT
Received: August 3, 2017 12:14:06 PM EDT

Folks I will send an updated one shortly. This version does not have appropriate credits to the graphic designers.

Thanks

Nelle

Sent from my iPad

On Aug 3, 2017, at 12:10 PM, Hotchkiss, Nelle <nelle.hotchkiss@ncemcs.com> wrote:

<IMG_0322.JPG>

Sent from my iPad

E-mail correspondence sent to and from this address may be subject to the provisions of G.S. 132-1, the North Carolina Public Records Law, and may be subject to monitoring and disclosed to third parties, including law enforcement personnel, by an authorized state official.

Bonner-Bridge-Repairs.png

From: Hotchkiss, Nelle <nelle.hotchkiss@ncemcs.com>
To: Mike Sprayberry <mike.sprayberry@ncdps.gov>, Steve Davis <Steve.Davis@ncdps.gov>
Cc: Rouse, Jay <jay.rouse@ncemcs.com>
Sent: August 3, 2017 12:17:26 PM EDT
Received: August 3, 2017 12:17:49 PM EDT
Attachments: Bonner-Bridge-Repairs.png, ATT00001.txt

Here is the final version. Thanks for all your support. Nelle

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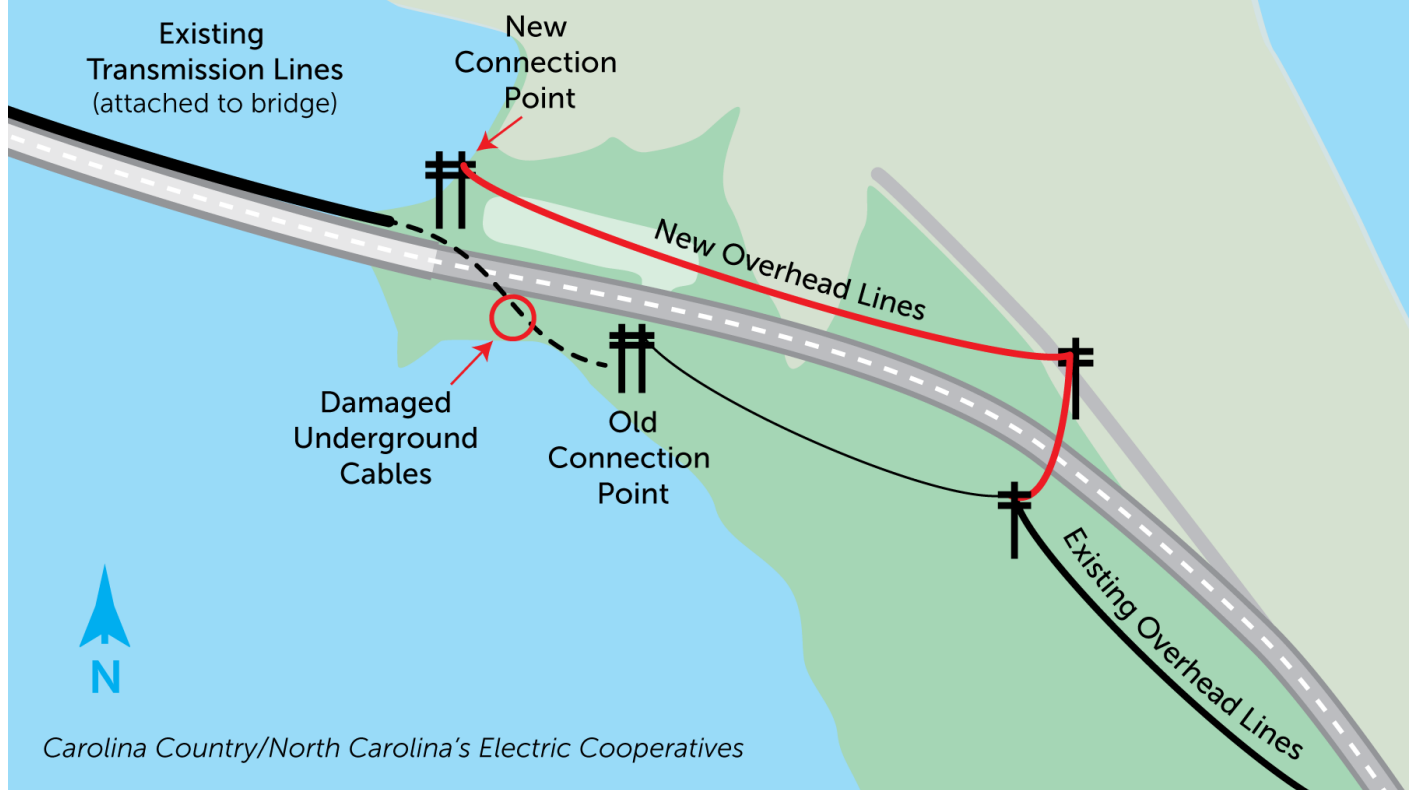
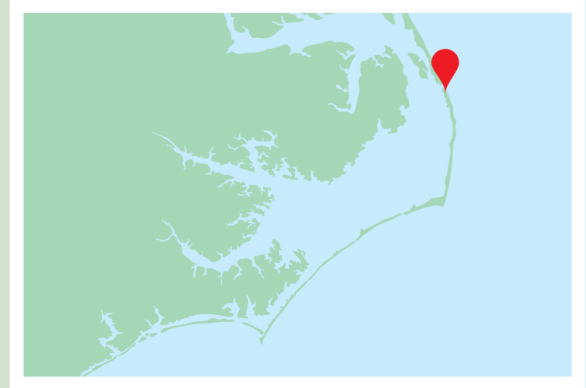
Attachment #1

Bonner-Bridge-Repairs.png

Image

CHEC Bonner Bridge Transmission Repairs

On July 27, a bridge construction crew accidentally damaged transmission cables serving Hatteras and Ocracoke islands. Cape Hatteras Electric Cooperative is restoring transmission service with new overhead lines.



Attachment #2

ATT00001.txt

Sent from my iPad

Hyde County Sitrep (Ocracoke Island)

From: Steve.Davis@ncdps.gov
To: nelle.hotchkiss@ncemcs.com, jay.rouse@ncemcs.com
Cc: Todd.Brown@ncdps.gov, Oscar.Davis@ncdps.gov,
Tommy.Wendelgass@ncdps.gov
Sent: July 27, 2017 3:51:10 PM EDT
Received: July 27, 2017 3:51:11 PM EDT
Attachments: County SitRep Hyde County 07272017 .pdf

Nelle,

Hey. Here is a portion of the sitrep from Hyde County (Ocracoke Island) posted in SPARTA this afternoon. Is this part of the Buxton generation we discussed this morning?

Power Outages:

Entire Island without power with a current population to include residents and visitors: approximately 12,000

Island fixed generator sustained damage while operating and is now inoperable. Crews from Rocky Mount are en-route to assess the generator for repairs. Additional mobile generators are being mobilized by electric company with a 24-36 hour arrival.

DPR light towers have been placed on stand-by to provide lighting for safety and security.

Thanks,

Steve

Steven F. Davis

Infrastructure Manager

NC Department of Public Safety

Division of Emergency Management

1636 Gold Star Drive

4236 Mail Service Center

Raleigh, NC 27607-4236

(919) 825-2309, Office

(919) 825-2428, NC Emergency Operations Center

Steve.Davis@ncdps.gov

ncdps.gov <<http://www.ncdps.gov/>>

<<http://www.readync.org/>>

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Attachment #1

County SitRep Hyde County 07272017 .pdf

Original view

1 page

SITUATION REPORT # 1
Outer Banks Power Outage - Ocracoke Island
AS OF: (July 27, 2017 1400)

Current Weather:	83deg. Mostly cloudy and humid; a strong afternoon t-storm; storms may bring downpours and damaging winds
EOC Activated:	Not activated
Total Injuries/Casualties:	0
Shelter Operations:	No shelters
Law Enforcement:	Local LEO currently handling any issues.
Emergency Medical:	Local EMS is able to handle call volume. (Paramedic Level)
Fire & Rescue:	Local fire able to handle call volume.
Search & Rescue:	N/A
Power Outages:	Entire Island without power with a current population to include residents and visitors: approximately 12,000 Island fixed generator sustained damage while operating and is now inoperable. Crews from Rocky Mount are en-route to assess the generator for repairs. Additional mobile generators are being mobilized by electric company with a 24-36 hour arrival. DPR light towers have been placed on stand-by to provide lighting for safety and security.
Transportation:	Traffic movement on the island is congested due to heavy visitor population.
Debris Removal:	N/A
Communications:	Currently no communication issues.
Infrastructure:	Public water / sewer system is operating on backup generator (2-day fuel supply with fuel contract in place) Local grocery store is currently operating on backup generator providing fuel and commodities.
Donations Management:	N/A
NCDOT Ferry:	Currently, normal operations
Other Issues:	Pending expected time for repairs to fixed generator and normal power supply, Hyde County EM and Ocracoke Island control group is meeting to discuss mandatory evacuation for visitors.

Hyde County Sitrep (Ocracoke Island)

From: Steve.Davis@ncdps.gov
To: nelle.hotchkiss@ncemcs.com, jay.rouse@ncemcs.com
Cc: Todd.Brown@ncdps.gov, Oscar.Davis@ncdps.gov,
Tommy.Wendelgass@ncdps.gov
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Received: July 27, 2017 3:51:11 PM EDT
Attachments: County SitRep Hyde County 07272017 .pdf

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Entire Island without power with a current population to include residents and visitors: approximately 12,000

Island fixed generator sustained damage while operating and is now inoperable. Crews from Rocky Mount are en-route to assess the generator for repairs. Additional mobile generators are being mobilized by electric company with a 24-36 hour arrival.

DPR light towers have been placed on stand-by to provide lighting for safety and security.

Thanks,

Steve

Steven F. Davis

Infrastructure Manager

NC Department of Public Safety

Division of Emergency Management

1636 Gold Star Drive

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Attachment #1

County SitRep Hyde County 07272017 .pdf

Original view

1 page

SITUATION REPORT # 1
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AS OF: (July 27, 2017 1400)

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EOC Activated:	Not activated
Total Injuries/Casualties:	0
Shelter Operations:	No shelters
Law Enforcement:	Local LEO currently handling any issues.
Emergency Medical:	Local EMS is able to handle call volume. (Paramedic Level)
Fire & Rescue:	Local fire able to handle call volume.
Search & Rescue:	N/A
Power Outages:	Entire Island without power with a current population to include residents and visitors: approximately 12,000 Island fixed generator sustained damage while operating and is now inoperable. Crews from Rocky Mount are en-route to assess the generator for repairs. Additional mobile generators are being mobilized by electric company with a 24-36 hour arrival. DPR light towers have been placed on stand-by to provide lighting for safety and security.
Transportation:	Traffic movement on the island is congested due to heavy visitor population.
Debris Removal:	N/A
Communications:	Currently no communication issues.
Infrastructure:	Public water / sewer system is operating on backup generator (2-day fuel supply with fuel contract in place) Local grocery store is currently operating on backup generator providing fuel and commodities.
Donations Management:	N/A
NCDOT Ferry:	Currently, normal operations
Other Issues:	Pending expected time for repairs to fixed generator and normal power supply, Hyde County EM and Ocracoke Island control group is meeting to discuss mandatory evacuation for visitors.

Fwd: 7-28-17 1000 hours - Outer Banks Power Outage Conf Call

From: Tommy.Wendelgass@ncdps.gov
To: Steve.Davis@ncdps.gov, Oscar.Davis@ncdps.gov
Sent: July 28, 2017 10:40:14 AM EDT
Received: July 28, 2017 10:40:15 AM EDT
Attachments: Outer Banks Power Outage Conf Call.wma, ATT00001.htm

Thank you,

Tommy Wendelgass
CI/KR Planner
NC Department of Public Safety
Division of Emergency Management
Office: 919-825-2257
Cell: 919-500-0770

Begin forwarded message:

From: "Laird, Charles" <Charles.Laird@ncdps.gov>
To: "Bailey, Chris" <Chris.Bailey@ncdps.gov>, "Barnes, Brian" <Brian.Barnes@ncdps.gov>, "Graney, Justin" <Justin.Graney@ncdps.gov>, "Brown, Todd" <Todd.Brown@ncdps.gov>, "Wendelgass, Tommy" <Tommy.Wendelgass@ncdps.gov>
Subject: 7-28-17 1000 hours - Outer Banks Power Outage Conf Call

Link to meeting notes: 7-28-17 1000 hours - Outer Banks Power Outage Conf Call
<onenote:https://d.docs.live.net/33e2bebe892332d5/Documents/NCCEM Meeting Notes/Meetings.one#7-28-17 1000 hours - Outer Banks Power Outage Conf Call§ion-id={A5F0CC58-97F3-42E3-B19F-4E813710CC4D}&page-id={11A0E183-BA04-499E-A1DE-0113B51FD63D}&end> (Web view
<https://onedrive.live.com/edit.aspx/Documents/NCCEM Meeting Notes?cid=33e2bebe892332d5&id=documents&wd=target(Meetings.one|A5F0CC58-97F3-42E3-B19F-4E813710CC4D/7-28-17 1000 hours - Outer Banks Power Outage|11A0E183-BA04-499E-A1DE-0113B51FD63D/)>)

7-28-17 1000 hours - Outer Banks Power Outage Conf Call

Friday, July 28, 2017

9:51 AM

Meeting Date: 7/28/2017 10:00 AM

Location: [REDACTED]

Link to Outlook Item: click here

<onenote:outlook?folder=Calendar&entryid=00000000B3CB45447B14264F873963B54921CCEA0700712A70891FB3EE4389429C250BAE91C00000007EF2A20000AD3D2FB1E7148047A3BF47BDE81FD9C3000E8BE712980000&date=201707281000>

Participants

Laird, Charles <mailto:Charles.Laird@ncdps.gov> (Meeting Organizer)

Notes

<<Outer Banks Power Outage Conf Call.wma>>

Audio recording started: 9:59 AM Friday, July 28, 2017

Affected Areas: Dare and Hyde Counties, Hatteras and Ocracoke Islands

- SOE for both counties

- Generation unit has been held up in SC

- Public safety, health facilities are priority for 24/7 power

- oDare Co: Public Safety is either on generator or getting power from grid

- oHyde Co: Public Safety is on generator power

- Conservation will be for residences

- ETA on out of state power generation? Hard to say

- Fueling generators may become an issue going forward

- o2 fuel deliveries a day from Swan Quarter

- oDare Co should be ok from commercial fuel providers

- Highway Patrol:

- oAssisting at transit points

- oPersonnel numbers are adequate right now

- o If event is prolonged, they may need some more assistance

- No issues with generators coming across Bonner Bridge

- Notem has been issued for Ocracoke Airport

Ocracoke:

- One of the generators stopped working, waiting on parts (week to 10 days outage)

- 1 megawatt is in service with additional going into service later this evening

- Water and Sewer is ok for right now

- oTideland will be delivering fuel to keep those facilities up and running

·VIPER Site:

o1400 gallons of fuel on site

oTemporary power would help extend their fuel supply, may be in place later today

Hatteras:

·Generators:

o2 in place, 5 being in installed, 2 en route

·Buxton units have been running servicing southern part of island

·Rotating feeders

·Additional generation is showing up today

·Crews coming in from other co-ops to assist

Waiver Issues:

·Waiver covers weight and hours for trucks and pax coming from out of state

·Price gouging protections are in effect

oDare: No reports

oHyde: No reports

·Questions regarding rentals/hotels

oRenters are entitled to a refund due to the evacuation order if they took the insurance

Created with Microsoft OneNote 2016.

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Attachment #1

Outer Banks Power Outage Conf Call.wma

Attachment #2

ATT00001.htm

Original view

1 page

Re: 2 pm Ocracoke evacuation update

From: Steve.Davis@ncdps.gov
To: jedixon@ncdot.gov
Sent: July 28, 2017 2:22:31 PM EDT
Received: July 28, 2017 2:22:32 PM EDT
Attachments: image001.png

Jed,

Thanks.

Steve

Sent from my iPhone

On Jul 28, 2017, at 2:21 PM, Dixon, John E <jedixon@ncdot.gov> wrote:

Traffic has steadied off with no wait at this time. Evacuation totals as of 1400 are as follows. 2386 people evacuated
893 cars transported. Fuel deliveries for the generators scheduled for 0700 and 1300 from Swan Quarter to Ocracoke.

Jed Dixon

Interim Director

NCDOT – Ferry Division

252-473-3461 ext. 231 Office

jedixon@ncdot.gov

8550 Shipyard Road

Manns Harbor, NC 27953

<image001.png>

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Attachment #1
image001.png
Image



RE: 2 pm Ocracoke evacuation update

From: Dixon, John E <jedixon@ncdot.gov>
To: Howard, David L <dlhoward@ncdot.gov>, Beaty, Greer B <gbeaty@ncdot.gov>, Justin Gibbs (justin.gibbs@hydecourtnc.gov) <justin.gibbs@hydecourtnc.gov>, Bill Rich <brich@hydecourtnc.gov>, Lewis, Robert W <rwlewis1@ncdot.gov>, Trogon, James H <jhtrogon@ncdot.gov>, Drew Pearson (drew.pearson@darenc.com) <drew.pearson@darenc.com>, Lewis, Robert W <rwlewis1@ncdot.gov>
Cc: McGrath, William J <wjmcgrath@ncdot.gov>, Gurganus, Bradford A <bagurganus@ncdot.gov>, Hunnings, Arleen G <aghunnings@ncdot.gov>, Barrow, Randy K <rkbarrow@ncdot.gov>, Oneal, Kimberly M <kmoneal@ncdot.gov>, Clark, Rachel S <rsclark2@ncdot.gov>, Lewis, Karen M <karenmlewis@ncdot.gov>, Willis, Mary P <mpwillis@ncdot.gov>, Baker, Sterling D <sbaker@ncdot.gov>, Hass, Timothy D <tdhass@ncdot.gov>, Bryson, George D <gdbryson@ncdot.gov>, Bock, Christopher J <cjboc@ncdot.gov>, Stegall, Keith M <kmstegall@ncdot.gov>, Davis, Steve (NCEM) <Steve.Davis@ncdps.gov>, OMalley, Taryn E <teomalley@ncdot.gov>, Baker, Sterling D <sbaker@ncdot.gov>, Davis, Steve (NCEM) <Steve.Davis@ncdps.gov>
Sent: July 28, 2017 2:26:10 PM EDT
Received: July 28, 2017 2:26:19 PM EDT

Conference call scheduled for 1430. (919) 715 0174

From: Dixon, John E
Sent: Friday, July 28, 2017 2:21 PM
To: Howard, David L <dlhoward@ncdot.gov>; Beaty, Greer B <gbeaty@ncdot.gov>; Justin Gibbs (justin.gibbs@hydecourtnc.gov) <justin.gibbs@hydecourtnc.gov>; 'Bill Rich' <brich@hydecourtnc.gov>; Lewis, Robert W <rwlewis1@ncdot.gov>; Trogon, James H <jhtrogon@ncdot.gov>; Drew Pearson (drew.pearson@darenc.com) <drew.pearson@darenc.com>
Cc: McGrath, William J <wjmcgrath@ncdot.gov>; Gurganus, Bradford A <bagurganus@ncdot.gov>; Hunnings, Arleen G <aghunnings@ncdot.gov>; Barrow, Randy K <rkbarrow@ncdot.gov>; Oneal, Kimberly M <kmoneal@ncdot.gov>; Clark, Rachel S <rsclark2@ncdot.gov>; Lewis, Karen M <karenmlewis@ncdot.gov>; Willis, Mary P <mpwillis@ncdot.gov>; Baker, Sterling D <sbaker@ncdot.gov>; Hass, Timothy D <tdhass@ncdot.gov>; Bryson, George D <gdbryson@ncdot.gov>; Bock, Christopher J <cjboc@ncdot.gov>; Stegall, Keith M <kmstegall@ncdot.gov>; Davis, Steve (NCEM) (Steve.Davis@ncdps.gov) <Steve.Davis@ncdps.gov>; OMalley, Taryn E <teomalley@ncdot.gov>
Subject: 2 pm Ocracoke evacuation update

Traffic has steadied off with no wait at this time. Evacuation totals as of 1400 are as follows. 2386 people evacuated 893 cars transported. Fuel deliveries for the generators scheduled for 0700 and 1300 from Swan Quarter to Ocracoke.

Jed Dixon

Interim Director

NCDOT – Ferry Division

252-473-3461 ext. 231 Office

jedixon@ncdot.gov

8550 Shipyard Road


Manns Harbor, NC 27953

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Re: 1600 Ocracoke evacuation update

From: Dixon, John E <jedixon@ncdot.gov>
To: Davis, Steve (NCEM) <Steve.Davis@ncdps.gov>
Sent: July 28, 2017 4:39:04 PM EDT
Received: July 28, 2017 4:39:13 PM EDT
Attachments: image001.png


Jed Dixon
Interim Director
NC Ferry Division

On Jul 28, 2017, at 4:37 PM, Davis, Steve <Steve.Davis@ncdps.gov> wrote:

Jed,

Thanks. What's the number for the conference call. I tried calling in this afternoon, but couldn't get in.

Steve

From: Dixon, John E [mailto:jedixon@ncdot.gov]
Sent: Friday, July 28, 2017 4:36 PM
To: Howard, David L; Beaty, Greer B; Gibbs, Justin; Bill Rich; Lewis, Robert W; Trogon, James H; Pearson, Drew
Cc: McGrath, William J; Gurganus, Bradford A; Hunnings, Arleen G; Barrow, Randy K; Oneal, Kimberly M; Clark, Rachel S; Lewis, Karen M; Willis, Mary P; Baker, Sterling D; Hass, Timothy D; Bryson, George D; Bock, Christopher J; Stegall, Keith M; Davis, Steve; OMalley, Taryn E; Jennings, Jerry D
Subject: 1600 Ocracoke evacuation update

Good afternoon,

Traffic has steadied off with no wait at this time. Evacuation totals as of 1600 are as follows. 3406 people evacuated 1316 cars transported. Fuel deliveries for the generators are scheduled for 0700 and 1300 from Swan Quarter. We also anticipate delivery of a transformer that is needed to support the power grid around midnight tonight. We will transit this across Hatteras Inlet when it arrives.

Conference call tomorrow 9 am.

Jed Dixon

Interim Director

NCDOT – Ferry Division

252-473-3461 ext. 231 Office

jedixon@ncdot.gov

8550 Shipyard Road

Manns Harbor, NC 27953

<image001.png>

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Email correspondence to and from this sender is subject to the N.C. Public Records Law and may be disclosed to third parties.

Attachment #1
image001.png
Image



Re: Electric Membership Corp transmission outage update--Friday, 4PM

From: Abby.Cameron@ncdps.gov
To: Steve.Davis@ncdps.gov
Sent: July 28, 2017 6:21:56 PM EDT
Received: July 28, 2017 6:21:58 PM EDT
Attachments: image002.png, image001.png, image002.png

Thanks Steve!

Abby Cameron
Human Services Manager
North Carolina Emergency Management
919-825-2327 office
919-215-4954 cell

Sent from my iPhone

On Jul 28, 2017, at 6:20 PM, Davis, Steve <Steve.Davis@ncdps.gov> wrote:

Joe,

Here is the update you requested, for Friday afternoon, on the Electric Membership Corp's transmission fault/outage along the Bonner Bridge in Dare County—

--Conference call (4PM) with NC Electric Membership Corp: Nelle Hotchkiss, Jay Rouse, Lee Ragsdale, and Chris Johnson provided update on transmission outage

--All generators on site, except 2 (2 MW) units for Ocracoke Island—units expected to arrive, by 5:15 PM, 7/28, on Swan Quarter ferry

--Delivered generators in state of connection and configuration—expect generators installed and running by, evening or overnight, 7/28

--1 (2MW) generator for Ocracoke Island expecting installation and connection, by 2PM, 7/29—unit missing transformer

--Transformer for 2 MW generator expected to depart Hatteras terminal for Ocracoke Island, by midnight, 7/29—Ferry Division prepared to make special run to Ocracoke Island to deliver transformer

--Contractor restoration crew on site excavating area near transmission cable—no firm timeline on repair assessment available (may be reasonable to expect restoration information, by 4PM, 7/29)

--Recommend polling impacted water and wastewater providers for backup generator redundancy information to mitigate generator failure

--Dare County and Hyde County will closely monitor use and need of all deployed resources

--Staff at state EOC assigned to handle any resource requests for Dare County or Hyde County over weekend

--State EOC not activated but key staff on immediate call-back

--Scheduled update/conference calls for Saturday, 7/29, at 10AM and 4PM—will reassess need for additional update/conference calls at that time

Call me if you have questions, or need additional information.

Thanks,

Steve

Steven F. Davis

Infrastructure Manager

NC Department of Public Safety

Division of Emergency Management

1636 Gold Star Drive

4236 Mail Service Center

Raleigh, NC 27607-4236

(919) 825-2309, Office

(919) 825-2428, NC Emergency Operations Center

Steve.Davis@ncdps.gov

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From: Davis, Oscar

Sent: Friday, July 28, 2017 12:27 PM

To:

Cc:

Subject: RE: Electric Membership transmission outage update--Thursday, 4PM

Sir,

Below are items from the 10AM conference call:

·Conference call (10AM) with NC Electric Membership Corp: Nelle Hotchkiss, Jay Rouse, and Lee Ragsdale provided update on transmission outage

·Jay Rouse reports he has contacted Caterpillar Rentals in an effort to check the status on a generator that has been delayed in SC. This item has been resolved

·Ocracoke Island Update:

oEMC generator suffered an outage yesterday and will be out of service for an extended period of time (one week to 10 Days)

oTideland EMC has placed a 1 MGW diesel generator in service and it is powering one circuit on the island. Two (2) additional diesel generators are scheduled for delivery this afternoon and should be in service this evening.

oJed Dixon, Ferry Division, confirmed that both will depart from Swap Quarter at noon

o1 installed; 2 in route

·Hatteras

oThe Buxton units have been running since yesterday, serving the southern portion of the island.

oTemporary generators have been installed at Avon and Wade to power the northern portion of the island. These are rotating feeders due to the inability to serve the entire area; additional generators should arrive today

oBrunswick and Roanoke EMC crews are on hand to assist with manning the temporary generators

o2 generators operating; 5 in place and currently being installed; 2 in route

·Drew Pearson, Dare County EM, reports some challenges with getting the loads reduced to and stabilizing distribution

Question:Once the generators are in place is it accurate for me to tell the Governor that coverage for all public safety, businesses and residents will be covered?

Answer:Yes. However, conservation is key. The temporary generators cannot supply the loads that most are accustomed too but with active management, services will be met. When all generators are in place, we expect to generate ~33 MGW of power, we normally produce approx. 42~43.

Question:Are we okay with water and sewer?

Answer:Yes Sir.

·No anticipated issues in receiving or distributing fuel. Jed Dixon reports that the Ferry Division has coordinated with fuel distributors to deliver twice a day from Swamp Quarter @ 7AM and 1PM

·EMC HQ will provide a press release shortly reinforcing the conservation message for residents and businesses

·No anticipated issues with the VIPER tower (1,400 gallons of fuel on hand)

·**Assessment team is on site where the fault occurred. First step is to remove the pylon that struck the line and expose the area for further inspection. Hopefully this evening or early tomorrow we will have an idea of equipment

needed for repair and estimate on restoration. **

·No additional SHP personnel requested

·SHP offer assistance with expediting delivery of equipment into the area. Notify them of any anticipated need and they will accommodate

·Will Polk states that transportation waivers are in place which covers weight and hours of service; the price gouging provision is in place (report suspected case to the NC AG Office); Due to the State of Emergency and mandatory evacuation, affected vacationers are covered under GS.42A-36, some may be entitled to a refund if in compliance with the order. Additional guidance may follow.

·NCDOT does not anticipate weight of incoming generators to be an issue crossing Bonner Bridge, but NCEM Infrastructure will double-check with co-ops to verify weight.

·Next conference call is @ 4PM

V/r

Oscar L Davis

Strategic Planning Branch Supervisor

Planning and Homeland Security Section

NC Department of Public Safety

Office (919) 825-2273

Cell (919)356-3481

<<http://www.readync.org/>>

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From: Davis, Steve

Sent: Thursday, July 27, 2017 5:48 PM

To:

Cc:

Subject: Electric Membership transmission outage update--Thursday, 4PM

Joe,

Here is the update, for Thursday afternoon, you requested on the Electric Membership Corp's transmission fault/outage along the Bonner Bridge in Dare County—

--Conference call (4PM) with NC Electric Membership Corp: Nelle Hotchkiss, Jay Rouse, and Lee Ragsdale, to

provide update on transmission outage

--Transmission fault occurred July 27th, between 4AM and 4:30AM, along Bonner Bridge in Dare County—no known injuries

--Contractor repairing Bonner Bridge damaged EMC transmission cable—extent of damage unknown

--Transmission line generally provides 50 MW load to service area

--Service area from Bonner Bridge, at Oregon Inlet, to Cape Hatteras, to Ocracoke without power

--No estimate on customer without power restoration

--ETOR not possible until assessment from specialty restoration contractor

--Specialty restoration contractor crew expected to arrive today—ETOR by tomorrow

--EMC personnel from Raleigh deployed to operate permanent generation in Buxton and Ocracoke

--Cape Hatteras EMC micro grid power assets online

--Cape Hatteras backup generation will provide 18 MW (normal load 50MW) between Cape Hatteras and Ocracoke

--Curtailment and feeder rotation in effect upon load generation on Ocracoke—2 hours with power, 4 hours without power

--All units (5) operating at Buxton (12MW)

--Unit at Ocracoke online this morning but tripped off this afternoon due to mechanical issues

--Repair crew enroute or on scene to assess repair needs

--Micro grid batteries at Ocracoke helping to maintain load at Buxton

--Using micro grid to control and conserve energy consumption on Ocracoke

--Temporary generators expected to arrive tomorrow for Ocracoke load

--May be able to serve some load on Ocracoke, overnight, from Buxton

--Current priority is to get mobile generators to Hatteras—two generator units arrived, 3pm, today

--Engineers on scene to assist with repair of transmission line, and generation at Hatteras and Ocracoke

--Power for small appliances, television, and some indoor lighting

--Expect extended outage event—multiple days of service curtailment and feeder rotation

--Additional generation needed for Avon area

--Confirmed 2 2MW generator from Gregory Pool deployed to Avon

- Secured 11 generators—2 from Raleigh (arrived), 3 from SC, and 5 from FL
- Additional transformers and mobile substation unit provided to create micro grid on Hatteras and Ocracoke
- Working with NCEM and Division of Highways to secure permits for generator transport from FL
- Must coordinate passage of generators over Bonner Bridge with traffic control measures and direction from DOT engineer
- Electric Membership working with local emergency management to resolve and mitigate impact of outage—local emergency managers updated/conference call with local EMC at 11AM
- Best source of information for local emergency management is from local distribution cooperative
- No unmet needs identified by impacted counties
- Expect limited resource request from impacted counties—traffic control, waiver assistance
- Electric Membership Corp notified and update Governor's office of incident—provided NCEM update information since Governor's update
- Electric Membership Corporation responded to similar outage situations in area on previous occasions
- Additional update notes provided by Oscar Davis
- Event opened in SPARTA—20170727 Outer Banks Power Outage
- Scheduled 10AM, Friday, conference call for additional updates

Call me if you have questions, or need additional information.

Steven F. Davis

Infrastructure Manager

NC Department of Public Safety

Division of Emergency Management

1636 Gold Star Drive

4236 Mail Service Center

Raleigh, NC 27607-4236

(919) 825-2309, Office

(919) 825-2428, NC Emergency Operations Center

Steve.Davis@ncdps.gov

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Attachment #1

image002.png

Image



Attachment #2

image001.png

Image



Attachment #3

image002.png

Image



RE: Electric Membership Corp transmission outage update--Friday, 4PM

From: Aspey, Darryl <darryl.aspey@HQ.DHS.GOV>
To: Davis, Steve <Steve.Davis@ncdps.gov>
Sent: July 28, 2017 6:25:04 PM EDT
Received: July 28, 2017 6:25:32 PM EDT

Steve,
Excellent update, thank you again for including me.

Regards,

Darryl

From: Davis, Steve
Sent: Friday, July 28, 2017 6:20:36 PM
To: Sprayberry, Mike A; Wright, Joe; Daniska, Mike; Brown, Todd
Cc: Davis, Oscar; Wendelgass, Tommy; Curtis, Dianne; Weavil, Gregory; Wisbey, Glenn; Johnson, Corey; Cameron, Abby; Barnes, Brian; Pulley, Wendy; Webster, Katie; Thomas, Diana; Duncan, Russell; Hotchkiss, Nelle; Rouse, Jay; lee.ragsdale@ncemcs.com; Dixon, John E; Payne-Hurley, Persia; Waldroup, Kenneth (Kenneth.Waldroup@raleighnc.gov); Aspey, Darryl; Powers, Steve; Cook, Mike; Garrett, Steve; Bobbitt, Stacey; MCGRAW, Emily; Kellen, Joshua L.; Johnson, Darlene M (dmjohnson11@ncdot.gov); TSAI, David; Brian.Franklin@duke-energy.com; PEKRUN, Pam; Wilson, Clarice
Subject: Electric Membership Corp transmission outage update--Friday, 4PM

Joe,

Here is the update you requested, for Friday afternoon, on the Electric Membership Corp's transmission fault/outage along the Bonner Bridge in Dare County—

--Conference call (4PM) with NC Electric Membership Corp: Nelle Hotchkiss, Jay Rouse, Lee Ragsdale, and Chris Johnson provided update on transmission outage

--All generators on site, except 2 (2 MW) units for Ocracoke Island—units expected to arrive, by 5:15 PM, 7/28, on Swan Quarter ferry

--Delivered generators in state of connection and configuration—expect generators installed and running by, evening or overnight, 7/28

--1 (2MW) generator for Ocracoke Island expecting installation and connection, by 2PM, 7/29—unit missing transformer

--Transformer for 2 MW generator expected to depart Hatteras terminal for Ocracoke Island, by midnight, 7/29—Ferry Division prepared to make special run to Ocracoke Island to deliver transformer

--Contractor restoration crew on site excavating area near transmission cable—no firm timeline on repair assessment available (may be reasonable to expect restoration information, by 4PM, 7/29)

--Recommend polling impacted water and wastewater providers for backup generator redundancy information to

mitigate generator failure

--Dare County and Hyde County will closely monitor use and need of all deployed resources

--Staff at state EOC assigned to handle any resource requests for Dare County or Hyde County over weekend

--State EOC not activated but key staff on immediate call-back

--Scheduled update/conference calls for Saturday, 7/29, at 10AM and 4PM—will reassess need for additional update/conference calls at that time

Call me if you have questions, or need additional information.

Thanks,

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Steven F. Davis

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From: Davis, Oscar

Sent: Friday, July 28, 2017 12:27 PM

To:

Cc:

Subject: RE: Electric Membership transmission outage update--Thursday, 4PM

Sir,

Below are items from the 10AM conference call:

- Conference call (10AM) with NC Electric Membership Corp: Nelle Hotchkiss, Jay Rouse, and Lee Ragsdale provided update on transmission outage

- Jay Rouse reports he has contacted Caterpillar Rentals in an effort to check the status on a generator that has been delayed in SC. This item has been resolved

- Ocracoke Island Update:

- oEMC generator suffered an outage yesterday and will be out of service for an extended period of time (one week to 10 Days)

- oTideland EMC has placed a 1 MGW diesel generator in service and it is powering one circuit on the island. Two (2) additional diesel generators are scheduled for delivery this afternoon and should be in service this evening.

- oJed Dixon, Ferry Division, confirmed that both will depart from Swap Quarter at noon

- o1 installed; 2 in route

- Hatteras

- oThe Buxton units have been running since yesterday, serving the southern portion of the island.

- oTemporary generators have been installed at Avon and Wade to power the northern portion of the island. These are rotating feeders due to the inability to serve the entire area; additional generators should arrive today

- oBrunswick and Roanoke EMC crews are on hand to assist with manning the temporary generators

- o2 generators operating; 5 in place and currently being installed; 2 in route

- Drew Pearson, Dare County EM, reports some challenges with getting the loads reduced to and stabilizing distribution

Question:Once the generators are in place is it accurate for me to tell the Governor that coverage for all public safety, businesses and residents will be covered?

Answer:Yes. However, conservation is key. The temporary generators cannot supply the loads that most are accustomed too but with active management, services will be met. When all generators are in place, we expect to generate ~33 MGW of power, we normally produce approx. 42~43.

Question:Are we okay with water and sewer?

Answer:Yes Sir.

- No anticipated issues in receiving or distributing fuel. Jed Dixon reports that the Ferry Division has coordinated with fuel distributors to deliver twice a day from Swamp Quarter @ 7AM and 1PM

·EMC HQ will provide a press release shortly reinforcing the conservation message for residents and businesses

·No anticipated issues with the VIPER tower (1,400 gallons of fuel on hand)

·**Assessment team is on site where the fault occurred. First step is to remove the pylon that struck the line and expose the area for further inspection. Hopefully this evening or early tomorrow we will have an idea of equipment needed for repair and estimate on restoration. **

·No additional SHP personnel requested

·SHP offer assistance with expediting delivery of equipment into the area. Notify them of any anticipated need and they will accommodate

·Will Polk states that transportation waivers are in place which covers weight and hours of service; the price gouging provision is in place (report suspected case to the NC AG Office); Due to the State of Emergency and mandatory evacuation, affected vacationers are covered under GS.42A-36, some may be entitled to a refund if in compliance with the order. Additional guidance may follow.

·NCDOT does not anticipate weight of incoming generators to be an issue crossing Bonner Bridge, but NCEM Infrastructure will double-check with co-ops to verify weight.

·Next conference call is @ 4PM

V/r

Oscar L Davis

Strategic Planning Branch Supervisor

Planning and Homeland Security Section

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Cell (919)356-3481

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From: Davis, Steve

Sent: Thursday, July 27, 2017 5:48 PM

To:

Cc:

Subject: Electric Membership transmission outage update--Thursday, 4PM

Joe,

Here is the update, for Thursday afternoon, you requested on the Electric Membership Corp's transmission fault/outage along the Bonner Bridge in Dare County—

--Conference call (4PM) with NC Electric Membership Corp: Nelle Hotchkiss, Jay Rouse, and Lee Ragsdale, to provide update on transmission outage

--Transmission fault occurred July 27th, between 4AM and 4:30AM, along Bonner Bridge in Dare County—no known injuries

--Contractor repairing Bonner Bridge damaged EMC transmission cable—extent of damage unknown

--Transmission line generally provides 50 MW load to service area

--Service area from Bonner Bridge, at Oregon Inlet, to Cape Hatteras, to Ocracoke without power

--No estimate on customer without power restoration

--ETOR not possible until assessment from specialty restoration contractor

--Specialty restoration contractor crew expected to arrive today—ETOR by tomorrow

--EMC personnel from Raleigh deployed to operate permanent generation in Buxton and Ocracoke

--Cape Hatteras EMC micro grid power assets online

--Cape Hatteras backup generation will provide 18 MW (normal load 50MW) between Cape Hatteras and Ocracoke

--Curtailment and feeder rotation in effect upon load generation on Ocracoke—2 hours with power, 4 hours without power

--All units (5) operating at Buxton (12MW)

--Unit at Ocracoke online this morning but tripped off this afternoon due to mechanical issues

--Repair crew enroute or on scene to assess repair needs

--Micro grid batteries at Ocracoke helping to maintain load at Buxton

--Using micro grid to control and conserve energy consumption on Ocracoke

--Temporary generators expected to arrive tomorrow for Ocracoke load

--May be able to serve some load on Ocracoke, overnight, from Buxton

--Current priority is to get mobile generators to Hatteras—two generator units arrived, 3pm, today

--Engineers on scene to assist with repair of transmission line, and generation at Hatteras and Ocracoke

- Power for small appliances, television, and some indoor lighting
- Expect extended outage event—multiple days of service curtailment and feeder rotation
- Additional generation needed for Avon area
- Confirmed 2 2MW generator from Gregory Pool deployed to Avon
- Secured 11 generators—2 from Raleigh (arrived), 3 from SC, and 5 from FL
- Additional transformers and mobile substation unit provided to create micro grid on Hatteras and Ocracoke
- Working with NCEM and Division of Highways to secure permits for generator transport from FL
- Must coordinate passage of generators over Bonner Bridge with traffic control measures and direction from DOT engineer
- Electric Membership working with local emergency management to resolve and mitigate impact of outage—local emergency managers updated/conference call with local EMC at 11AM
- Best source of information for local emergency management is from local distribution cooperative
- No unmet needs identified by impacted counties
- Expect limited resource request from impacted counties—traffic control, waiver assistance
- Electric Membership Corp notified and update Governor's office of incident—provided NCEM update information since Governor's update
- Electric Membership Corporation responded to similar outage situations in area on previous occasions
- Additional update notes provided by Oscar Davis
- Event opened in SPARTA—20170727 Outer Banks Power Outage
- Scheduled 10AM, Friday, conference call for additional updates

Call me if you have questions, or need additional information.

Steven F. Davis

Infrastructure Manager

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FW: 0800 July 29th Ocracoke Evacuation Update

From: Dixon, John E <jedixon@ncdot.gov>
To: Davis, Steve (NCEM) <Steve.Davis@ncdps.gov>
Sent: July 29, 2017 8:24:47 AM EDT
Received: July 29, 2017 8:24:57 AM EDT

From: Dixon, John E
Sent: Saturday, July 29, 2017 8:20 AM
To: Howard, David L <dlhoward@ncdot.gov>; Beaty, Greer B <gbeaty@ncdot.gov>; Justin Gibbs
(justin.gibbs@hydecourtnc.gov) <justin.gibbs@hydecourtnc.gov>; 'Bill Rich' <brich@hydecourtnc.gov>; Lewis,
Robert W <rwlewis1@ncdot.gov>; Trogon, James H <jhtrogon@ncdot.gov>; Drew Pearson
(drew.pearson@darenc.com) <drew.pearson@darenc.com>
Cc: McGrath, William J <wjmcgrath@ncdot.gov>; Gurganus, Bradford A <bagurganus@ncdot.gov>; Hunnings, Arleen
G <aghunnings@ncdot.gov>; Barrow, Randy K <rkbarrow@ncdot.gov>; Oneal, Kimberly M <kmoneal@ncdot.gov>;
Clark, Rachel S <rsclark2@ncdot.gov>; Lewis, Karen M <karenmlewis@ncdot.gov>; Willis, Mary P
<mpwillis@ncdot.gov>; Baker, Sterling D <sbaker@ncdot.gov>; Hass, Timothy D <tdhass@ncdot.gov>; Bryson,
George D <gdbryson@ncdot.gov>; Bock, Christopher J <cjboc@ncdot.gov>; Stegall, Keith M
<kmstegall@ncdot.gov>; Davis, Steve (NCEM) (Steve.Davis@ncdps.gov) <Steve.Davis@ncdps.gov>; OMalley, Taryn
E <teomalley@ncdot.gov>; Jennings, Jerry D <jjennings@ncdot.gov>
Subject: 0800 July 29th Ocracoke Evacuation Update

Good morning

Traffic is slow with no wait at this time. Evacuation totals as of 0800 July 29th are as follows. 3704 people evacuated, 1372 cars transported. Fuel deliveries for the generators are scheduled for 0700 and 1300 from Swan Quarter. The transformer for the generators made it across after midnight last night. Ocracoke has limited power supply now. Hatteras Island is now under a mandatory evacuation for non-residents as of 0600 this morning. We have a conference call scheduled for 0900.

Jed Dixon

Interim Director

NCDOT – Ferry Division

252-473-3461 ext. 231 Office

jedixon@ncdot.gov

8550 Shipyard Road

Manns Harbor, NC 27953

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Re: 0800 July 29th Ocracoke Evacuation Update

From: Steve.Davis@ncdps.gov
To: jedixon@ncdot.gov
Sent: July 29, 2017 8:27:00 AM EDT
Received: July 29, 2017 8:27:01 AM EDT
Attachments: image003.png

Jed.

Thanks.

Steve

Sent from my iPhone

On Jul 29, 2017, at 8:20 AM, Dixon, John E <jedixon@ncdot.gov> wrote:

Good morning

Traffic is slow with no wait at this time. Evacuation totals as of 0800 July 29th are as follows. 3704 people evacuated, 1372 cars transported. Fuel deliveries for the generators are scheduled for 0700 and 1300 from Swan Quarter. The transformer for the generators made it across after midnight last night. Ocracoke has limited power supply now. Hatteras Island is now under a mandatory evacuation for non-residents as of 0600 this morning. We have a conference call scheduled for 0900.

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Attachment #1
image003.png
Image



1600 Ocracoke Evacuation update July 29th

From: Dixon, John E <jedixon@ncdot.gov>
To: Howard, David L <dlhoward@ncdot.gov>, Beaty, Greer B <gbeaty@ncdot.gov>, Justin Gibbs (justin.gibbs@hydecourtnc.gov) <justin.gibbs@hydecourtnc.gov>, Bill Rich <brich@hydecourtnc.gov>, Lewis, Robert W <rwlewis1@ncdot.gov>, Trogdon, James H <jhtrogdon@ncdot.gov>, Drew Pearson (drew.pearson@darenc.com) <drew.pearson@darenc.com>, Lewis, Robert W <rwlewis1@ncdot.gov>
Cc: McGrath, William J <wjmcgrath@ncdot.gov>, Gurganus, Bradford A <bagurganus@ncdot.gov>, Hunnings, Arleen G <aghunnings@ncdot.gov>, Barrow, Randy K <rkbarrow@ncdot.gov>, Oneal, Kimberly M <kmoneal@ncdot.gov>, Clark, Rachel S <rsclark2@ncdot.gov>, Lewis, Karen M <karenmlewis@ncdot.gov>, Willis, Mary P <mpwillis@ncdot.gov>, Baker, Sterling D <sbaker@ncdot.gov>, Hass, Timothy D <tdhass@ncdot.gov>, Bryson, George D <gdbryson@ncdot.gov>, Bock, Christopher J <cjboc@ncdot.gov>, Stegall, Keith M <kmstegall@ncdot.gov>, Davis, Steve (NCEM) <Steve.Davis@ncdps.gov>, OMalley, Taryn E <teomalley@ncdot.gov>, Jennings, Jerry D <jjennings@ncdot.gov>, Baker, Sterling D <sbaker@ncdot.gov>, Davis, Steve(NCEM) <Steve.Davis@ncdps.gov>
Sent: July 29, 2017 4:22:18 PM EDT
Received: July 29, 2017 4:22:28 PM EDT

Good afternoon

The evacuation of Ocracoke is complete. The totals are as follows 3783 people evacuated, 1485 cars transported. Fuel deliveries for the generators are scheduled for 0700 and 1300 from Swan Quarter. We will be going to an amended schedule on the Hatteras/Ocracoke route tomorrow morning until the State of Emergency is lifted. Departures will be every hour from both sides. Press release going out on this shortly. Sound route departures will remain the same. Conference call scheduled for 0900 Sunday.

Jed Dixon

Interim Director

NCDOT – Ferry Division

252-473-3461 ext. 231 Office

jedixon@ncdot.gov

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Re: Electric Membership Corp transmission outage update--Saturday, 10 AM

From: Waldroup, Kenneth <Kenneth.Waldroup@raleighnc.gov>
To: Davis, Steve <Steve.Davis@ncdps.gov>, Johnny Spencer <johnnyspencer@tyrrellcounty.net>
Sent: July 29, 2017 4:31:46 PM EDT
Received: July 29, 2017 4:32:12 PM EDT

I am not sure.

Sent from my Verizon, Samsung Galaxy smartphone

----- Original message -----

From: "Davis, Steve" <Steve.Davis@ncdps.gov>
Date: 7/29/17 3:49 PM (GMT-05:00)
To: "Waldroup, Kenneth" <Kenneth.Waldroup@raleighnc.gov>
Subject: FW: Electric Membership Corp transmission outage update--Saturday, 10 AM

Kenny,

Hey. Did Johnny Spencer get logged into SPARTA?

Thanks,
Steve

Steven F. Davis
Infrastructure Manager
NC Department of Public Safety
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"You have to go the way your blood beats.
If you don't live the only life you have,
you won't live some other life,
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James Baldwin

From: Davis, Steve
Sent: Saturday, July 29, 2017 3:38 PM
To: Sprayberry, Mike; Wright, Joe; Daniska, Mike; Brown, Todd; Polk, Will; Hotchkiss, Nelle; Rouse, Jay; Duncan, Russell
Cc: Curtis, Dianne; Davis, Oscar; Wendelgass, Tommy; Wisbey, Glenn; Weavil, Gregory; Webster, Katie; Cameron, Abby; Barnes, Brian; Payne-Hurley, Persia; Kellen, Joshua L.; 'jedixon@ncdot.gov'; MCGRAW, Emily; Tant, Chris; TSAI, David; Brian.Franklin@duke-energy.com; Aspey, Darryl; Wilson, Clarice; PEKRUN, Pam; lee.ragsdale@ncemcs.com; Bissette, Carla

Subject: Electric Membership Corp transmission outage update--Saturday, 10 AM

Joe,

Here is the update you requested, for Saturday morning, on the Electric Membership Corp's transmission fault/outage along the Bonner Bridge in Dare County—

- Conference call (10AM) with Electric Membership Corp: Nelle Hotchkiss, Jay Rouse, and Lee Ragsdale provided update on transmission outage
- Temporary power stable on Hatteras Island—7 (2 MW) generator units operating, and 2 (2MW) generator units being assembled for installation
- Temporary power stabilizing on Ocracoke Island—1 (1 MW) generator unit and 1 (2 MW) generator unit operational, and 1(2 MW) generator unit expected operational this afternoon
- Generator unit on Hatteras Island and Ocracoke Island operating under severe conservation measures—service curtailment and feeder rotation in effect
- Repair parts for permanent diesel generator unit arrived—timeline for restoration to be determined
- EMC will continue to monitor load condition and generator operation/maintenance around the clock—goal to provide stable temporary power for Hatteras Island and Ocracoke Island residents
- Crews continue to excavate area to reach transmission cable and determine extent and nature of damage
- No good picture on extent of damage to transmission cable—no timeline for restoration of permanent power to Hatteras Island and Ocracoke Island
- Dare County and Hyde County—no unmet needs, other than a return to economic normalcy

- Staff at state EOC assigned to handle any resource requests for Dare County or Hyde County over weekend

- State EOC not activated but key staff on immediate call-back

- Scheduled update/conference calls for Saturday, 7/29, at 4PM—will reassess need for additional update/conference calls at that time

Call me if you have questions, or need additional information.

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Infrastructure Manager

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Sent: Friday, July 28, 2017 6:20 PM
To: Mike Sprayberry; WRIGHT, Joe; DANIKSA, Mike; BROWN, Todd
Cc: DAVIS, Oscar; Wendelgass, Tommy; CURTIS, Dianne; Weavil, Gregory; WISBEY, Glenn; Johnson, Corey; CAMERON, Abby; Barnes, Brian; Pulley, Wendy; Webster, Katie; Thomas, Diana; DUNCAN, Russell; HOTCHKISS, Nelle; Rouse, Jay (jay.rouse@ncemcs.com); lee.ragsdale@ncemcs.com; Dixon, John E; Payne-Hurley, Persia; Waldroup, Kenneth (Kenneth.Waldroup@raleighnc.gov); ASPEY, Darryl; POWERS, Steve; COOK, Mike; GARRETT, Steven; STACEY, Bobbitt; MCGRAW, Emily; jlkellen@ncdot.gov; Johnson, Darlene M (dmjohnson11@ncdot.gov); TSAI, David; Brian.Franklin@duke-energy.com; PEKRUN, Pam; WILSON, Clarice
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To:

Cc:

Subject: RE: Electric Membership transmission outage update--Thursday, 4PM

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- o1 installed; 2 in route

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V/r

Oscar L Davis

Strategic Planning Branch Supervisor

Planning and Homeland Security Section

NC Department of Public Safety

Office (919) 825-2273

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From: Davis, Steve

Sent: Thursday, July 27, 2017 5:48 PM

To:

Cc:

Subject: Electric Membership transmission outage update--Thursday, 4PM

Joe,

Here is the update, for Thursday afternoon, you requested on the Electric Membership Corp's transmission fault/outage along the Bonner Bridge in Dare County—

--Conference call (4PM) with NC Electric Membership Corp: Nelle Hotchkiss, Jay Rouse, and Lee Ragsdale, to provide update on transmission outage

--Transmission fault occurred July 27th, between 4AM and 4:30AM, along Bonner Bridge in Dare County—no known injuries

--Contractor repairing Bonner Bridge damaged EMC transmission cable—extent of damage unknown

--Transmission line generally provides 50 MW load to service area

--Service area from Bonner Bridge, at Oregon Inlet, to Cape Hatteras, to Ocracoke without power

--No estimate on customer without power restoration

--ETOR not possible until assessment from specialty restoration contractor

--Specialty restoration contractor crew expected to arrive today—ETOR by tomorrow

--EMC personnel from Raleigh deployed to operate permanent generation in Buxton and Ocracoke

--Cape Hatteras EMC micro grid power assets online

--Cape Hatteras backup generation will provide 18 MW (normal load 50MW) between Cape Hatteras and Ocracoke

--Curtailment and feeder rotation in effect upon load generation on Ocracoke—2 hours with power, 4 hours without power

--All units (5) operating at Buxton (12MW)

--Unit at Ocracoke online this morning but tripped off this afternoon due to mechanical issues

--Repair crew enroute or on scene to assess repair needs

--Micro grid batteries at Ocracoke helping to maintain load at Buxton

--Using micro grid to control and conserve energy consumption on Ocracoke

--Temporary generators expected to arrive tomorrow for Ocracoke load

--May be able to serve some load on Ocracoke, overnight, from Buxton

--Current priority is to get mobile generators to Hatteras—two generator units arrived, 3pm, today

--Engineers on scene to assist with repair of transmission line, and generation at Hatteras and Ocracoke

--Power for small appliances, television, and some indoor lighting

--Expect extended outage event—multiple days of service curtailment and feeder rotation

--Additional generation needed for Avon area

--Confirmed 2 2MW generator from Gregory Pool deployed to Avon

--Secured 11 generators—2 from Raleigh (arrived), 3 from SC, and 5 from FL

--Additional transformers and mobile substation unit provided to create micro grid on Hatteras and Ocracoke

--Working with NCEM and Division of Highways to secure permits for generator transport from FL

--Must coordinate passage of generators over Bonner Bridge with traffic control measures and direction from DOT engineer

--Electric Membership working with local emergency management to resolve and mitigate impact of outage—local emergency managers updated/conference call with local EMC at 11AM

--Best source of information for local emergency management is from local distribution cooperative

--No unmet needs identified by impacted counties

--Expect limited resource request from impacted counties—traffic control, waiver assistance

--Electric Membership Corp notified and update Governor's office of incident—provided NCEM update information since Governor's update

--Electric Membership Corporation responded to similar outage situations in area on previous occasions

--Additional update notes provided by Oscar Davis

--Event opened in SPARTA—20170727 Outer Banks Power Outage

--Scheduled 10AM, Friday, conference call for additional updates

Call me if you have questions, or need additional information.

Steven F. Davis

Infrastructure Manager

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Re: Electric Membership Corp transmission outage update--Saturday, 4 PM

From: Hotchkiss, Nelle <nelle.hotchkiss@ncemcs.com>
To: Davis, Steve <Steve.Davis@ncdps.gov>
Sent: July 29, 2017 6:20:27 PM EDT
Received: July 29, 2017 6:21:00 PM EDT
Attachments: image002.png, image002.png, image002.png, image001.png, image002.png

Steve:

We are no longer rotating feeders on either island. All residents have power through temp measures.

Nelle

Sent from my iPhone

On Jul 29, 2017, at 6:05 PM, Davis, Steve <Steve.Davis@ncdps.gov> wrote:

Please exercise caution, this is an EXTERNAL email. Be vigilant opening attachments or clicking links from unknown senders or unexpected emails. Please contact the ServiceDesk if you need assistance.

Joe,

Here is the update you requested, for Saturday afternoon, on the Electric Membership Corp's transmission fault/outage along the Bonner Bridge in Dare County—

- Conference call (4 PM) with Electric Membership Corp: Nelle Hotchkiss, Jay Rouse, and Lee Ragsdale provided update on transmission outage
- Temporary power stable on Hatteras Island—9 (2 MW) generator units operating
- EMC focused on generating more stable load for Hatteras Island—Rodanthe, Waves, and Salvo (improving load and alignment)
- Temporary power stable on Ocracoke Island—2 (2 MW) generator units and 1 (1 MW) generator unit installed and operating full-time (since 7/29, 12:15PM)
- Generator units on Hatteras Island and Ocracoke Island operating under severe conservation measures—service curtailment and feeder rotation in effect, generator units may experience brief downtime for maintenance
- Repair parts for permanent diesel generator unit on Ocracoke Island arrived—timeline for restoration to be determined
- EMC continues to monitor load and generator maintenance around the clock—goal to provide stable temporary power for Hatteras Island and Ocracoke Island residents
- Crews continue to excavate area to reach transmission cable and determine extent and nature of damage
- Crews determined 1-of-3 transmission cables significantly damaged (severed)
- Will test integrity of 2 buried transmission cables to determine if all cables are compromised
- If only 1-of-3 transmission cable compromised will attempt to repair (splice) damaged cable—difficult and challenging procedure
- Need better picture on extent of damage to transmission cables—more information, likely, available tomorrow pending additional assessment
- Best case scenario—permanent restoration of electric service to Hatteras Island and Ocracoke Island several days away, or beyond
- Repair and restoration (transmission cable, permanent generation, and generator units) dependent on weather conditions on Hatteras Island and Ocracoke Island—pending weather conditions may delay repair and restoration efforts

--Ferry Division: completed non-resident evacuation of Ocracoke Island—evacuated/transported 3783 people and 1485 cars, scheduled fuel delivery for generators, from Swan Quarter, at 7AM and 1 PM, admended schedule for Hatteras/Ocracoke route departures

--Dare County and Hyde County—no unmet needs, other than return to economic normalcy

--Staff at state EOC assigned to handle any resource requests for Dare County or Hyde County over weekend

--State EOC not activated but key staff on immediate call-back

--Conference call scheduled for Sunday, 7/30, at 10 AM and 4 PM—(919) 715-1909

Call me if you have questions, or need additional information.

Thanks,

Steve

Steven F. Davis

Infrastructure Manager

NC Department of Public Safety

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<https://urldefense.proofpoint.com/v2/url?u=http-3A__www.readync.org_&d=DwMF-g&c=WL3MMrLyVWdTUFt6ms3Ptg&r=IUzWXeIGz5rDi8xJ-DiQJporXlzvezn5ADpKmxY55Ho&m=ycsbFAP_z38ea5BHFdve6jMZCNqk4-5Le2sBJNpM7wl&s=I-Tc2tpkZGN0LDDy1oapc0tH7ZVPzba_wLVhTMHpMI&e=>

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"You have to go the way your blood beats.
If you don't live the only life you have,
you won't live some other life,
you won't live any life at all."
James Baldwin

From: Davis, Steve
Sent: Saturday, July 29, 2017 3:38 PM
To: Sprayberry, Mike; Wright, Joe; Daniska, Mike; Brown, Todd; Polk, Will; Hotchkiss, Nelle; Rouse, Jay; Duncan, Russell
Cc: Curtis, Dianne; Davis, Oscar; Wendelgass, Tommy; Wisbey, Glenn; Weavil, Gregory; Webster, Katie; Cameron, Abby; Barnes, Brian; Payne-Hurley, Persia; Kellen, Joshua L.; 'jedixon@ncdot.gov'; MCGRAW, Emily; Tant, Chris; TSAI, David; Brian.Franklin@duke-energy.com; Aspey, Darryl; Wilson, Clarice; PEKRUN, Pam; lee.ragsdale@ncemcs.com; Bissette, Carla
Subject: Electric Membership Corp transmission outage update--Saturday, 10 AM

Joe,

Here is the update you requested, for Saturday morning, on the Electric Membership Corp's transmission fault/outage along the Bonner Bridge in Dare County—

- Conference call (10AM) with Electric Membership Corp: Nelle Hotchkiss, Jay Rouse, and Lee Ragsdale provided update on transmission outage
- Temporary power stable on Hatteras Island—7 (2 MW) generator units operating, and 2 (2MW) generator units being assembled for installation
- Temporary power stabilizing on Ocracoke Island—1 (1 MW) generator unit and 1 (2 MW) generator unit operational, and 1(2 MW) generator unit expected operational this afternoon
- Generator unit on Hatteras Island and Ocracoke Island operating under severe conservation measures—service curtailment and feeder rotation in effect
- Repair parts for permanent diesel generator unit arrived—timeline for restoration to be determined
- EMC will continue to monitor load condition and generator operation/maintenance around the clock—goal to provide stable temporary power for Hatteras Island and Ocracoke Island residents
- Crews continue to excavate area to reach transmission cable and determine extent and nature of damage
- No good picture on extent of damage to transmission cable—no timeline for restoration of permanent power to

Hatteras Island and Ocracoke Island

--Dare County and Hyde County—no unmet needs, other than a return to economic normalcy

--Staff at state EOC assigned to handle any resource requests for Dare County or Hyde County over weekend

--State EOC not activated but key staff on immediate call-back

--Scheduled update/conference calls for Saturday, 7/29, at 4PM—will reassess need for additional update/conference calls at that time

Call me if you have questions, or need additional information.

Thanks,

Steve

Steven F. Davis

Infrastructure Manager

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If you don't live the only life you have,
you won't live some other life,
you won't live any life at all."
James Baldwin

From: Davis, Steve
Sent: Friday, July 28, 2017 6:20 PM
To: Mike Sprayberry; WRIGHT, Joe; DANIKSA, Mike; BROWN, Todd
Cc: DAVIS, Oscar; Wendelgass, Tommy; CURTIS, Dianne; Weavil, Gregory; WISBEY, Glenn; Johnson, Corey; CAMERON, Abby; Barnes, Brian; Pulley, Wendy; Webster, Katie; Thomas, Diana; DUNCAN, Russell; HOTCHKISS, Nelle; Rouse, Jay (jay.rouse@ncemcs.com); lee.ragsdale@ncemcs.com; Dixon, John E; Payne-Hurley, Persia; Waldroup, Kenneth (Kenneth.Waldroup@raleighnc.gov); ASPEY, Darryl; POWERS, Steve; COOK, Mike; GARRETT, Steven; STACEY, Bobbitt; MCGRAW, Emily; jlkellen@ncdot.gov; Johnson, Darlene M (dmjohnson11@ncdot.gov); TSAI, David; Brian.Franklin@duke-energy.com; PEKRUN, Pam; WILSON, Clarice
Subject: Electric Membership Corp transmission outage update--Friday, 4PM

Joe,

Here is the update you requested, for Friday afternoon, on the Electric Membership Corp's transmission fault/outage along the Bonner Bridge in Dare County—

--Conference call (4PM) with NC Electric Membership Corp: Nelle Hotchkiss, Jay Rouse, Lee Ragsdale, and Chris Johnson provided update on transmission outage

--All generators on site, except 2 (2 MW) units for Ocracoke Island—units expected to arrive, by 5:15 PM, 7/28, on Swan Quarter ferry

--Delivered generators in state of connection and configuration—expect generators installed and running by, evening or overnight, 7/28

--1 (2MW) generator for Ocracoke Island expecting installation and connection, by 2PM, 7/29—unit missing transformer

--Transformer for 2 MW generator expected to depart Hatteras terminal for Ocracoke Island, by midnight, 7/29—Ferry Division prepared to make special run to Ocracoke Island to deliver transformer

--Contractor restoration crew on site excavating area near transmission cable—no firm timeline on repair assessment available (may be reasonable to expect restoration information, by 4PM, 7/29)

--Recommend polling impacted water and wastewater providers for backup generator redundancy information to mitigate generator failure

--Dare County and Hyde County will closely monitor use and need of all deployed resources

--Staff at state EOC assigned to handle any resource requests for Dare County or Hyde County over weekend

--State EOC not activated but key staff on immediate call-back

--Scheduled update/conference calls for Saturday, 7/29, at 10AM and 4PM—will reassess need for additional update/conference calls at that time

Call me if you have questions, or need additional information.

Thanks,

Steve

Steven F. Davis

Infrastructure Manager

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DiQJporXlzvezn5ADpKmxY55Ho&m=yCSbFAP_z38ea5BHFdve6jMZCNqk4-5Le2sBJNpM7wl&s=l-Tc2tpkZGN0LDDy1oapc0tH7ZVPzba_wLVhTMHpMI&e=>

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From: Davis, Oscar

Sent: Friday, July 28, 2017 12:27 PM

To:

Cc:

Subject: RE: Electric Membership transmission outage update--Thursday, 4PM

Sir,

Below are items from the 10AM conference call:

- Conference call (10AM) with NC Electric Membership Corp: Nelle Hotchkiss, Jay Rouse, and Lee Ragsdale provided update on transmission outage

- Jay Rouse reports he has contacted Caterpillar Rentals in an effort to check the status on a generator that has been delayed in SC. This item has been resolved

- Ocracoke Island Update:

- oEMC generator suffered an outage yesterday and will be out of service for an extended period of time (one week to 10 Days)

- oTideland EMC has placed a 1 MGW diesel generator in service and it is powering one circuit on the island. Two (2) additional diesel generators are scheduled for delivery this afternoon and should be in service this evening.

- oJed Dixon, Ferry Division, confirmed that both will depart from Swap Quarter at noon

- o1 installed; 2 in route

- Hatteras

- oThe Buxton units have been running since yesterday, serving the southern portion of the island.

- oTemporary generators have been installed at Avon and Wade to power the northern portion of the island. These are rotating feeders due to the inability to serve the entire area; additional generators should arrive today

- oBrunswick and Roanoke EMC crews are on hand to assist with manning the temporary generators

- o2 generators operating; 5 in place and currently being installed; 2 in route

·Drew Pearson, Dare County EM, reports some challenges with getting the loads reduced to and stabilizing distribution

Question:Once the generators are in place is it accurate for me to tell the Governor that coverage for all public safety, businesses and residents will be covered?

Answer:Yes. However, conservation is key. The temporary generators cannot supply the loads that most are accustomed too but with active management, services will be met. When all generators are in place, we expect to generate ~33 MGW of power, we normally produce approx. 42~43.

Question:Are we okay with water and sewer?

Answer:Yes Sir.

·No anticipated issues in receiving or distributing fuel. Jed Dixon reports that the Ferry Division has coordinated with fuel distributors to deliver twice a day from Swamp Quarter @ 7AM and 1PM

·EMC HQ will provide a press release shortly reinforcing the conservation message for residents and businesses

·No anticipated issues with the VIPER tower (1,400 gallons of fuel on hand)

·**Assessment team is on site where the fault occurred. First step is to remove the pylon that struck the line and expose the area for further inspection. Hopefully this evening or early tomorrow we will have an idea of equipment needed for repair and estimate on restoration. **

·No additional SHP personnel requested

·SHP offer assistance with expediting delivery of equipment into the area. Notify them of any anticipated need and they will accommodate

·Will Polk states that transportation waivers are in place which covers weight and hours of service; the price gouging provision is in place (report suspected case to the NC AG Office); Due to the State of Emergency and mandatory evacuation, affected vacationers are covered under GS.42A-36, some may be entitled to a refund if in compliance with the order. Additional guidance may follow.

·NCDOT does not anticipate weight of incoming generators to be an issue crossing Bonner Bridge, but NCEM Infrastructure will double-check with co-ops to verify weight.

·Next conference call is @ 4PM

V/r

Oscar L Davis

Strategic Planning Branch Supervisor

Planning and Homeland Security Section

NC Department of Public Safety

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From: Davis, Steve

Sent: Thursday, July 27, 2017 5:48 PM

To:

Cc:

Subject: Electric Membership transmission outage update--Thursday, 4PM

Joe,

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--Conference call (4PM) with NC Electric Membership Corp: Nelle Hotchkiss, Jay Rouse, and Lee Ragsdale, to provide update on transmission outage

--Transmission fault occurred July 27th, between 4AM and 4:30AM, along Bonner Bridge in Dare County—no known injuries

--Contractor repairing Bonner Bridge damaged EMC transmission cable—extent of damage unknown

--Transmission line generally provides 50 MW load to service area

--Service area from Bonner Bridge, at Oregon Inlet, to Cape Hatteras, to Ocracoke without power

--No estimate on customer without power restoration

--ETOR not possible until assessment from specialty restoration contractor

--Specialty restoration contractor crew expected to arrive today—ETOR by tomorrow

--EMC personnel from Raleigh deployed to operate permanent generation in Buxton and Ocracoke

--Cape Hatteras EMC micro grid power assets online

--Cape Hatteras backup generation will provide 18 MW (normal load 50MW) between Cape Hatteras and Ocracoke

--Curtailment and feeder rotation in effect upon load generation on Ocracoke—2 hours with power, 4 hours without power

--All units (5) operating at Buxton (12MW)

--Unit at Ocracoke online this morning but tripped off this afternoon due to mechanical issues

--Repair crew enroute or on scene to assess repair needs

--Micro grid batteries at Ocracoke helping to maintain load at Buxton

--Using micro grid to control and conserve energy consumption on Ocracoke

--Temporary generators expected to arrive tomorrow for Ocracoke load

--May be able to serve some load on Ocracoke, overnight, from Buxton

--Current priority is to get mobile generators to Hatteras—two generator units arrived, 3pm, today

--Engineers on scene to assist with repair of transmission line, and generation at Hatteras and Ocracoke

--Power for small appliances, television, and some indoor lighting

--Expect extended outage event—multiple days of service curtailment and feeder rotation

--Additional generation needed for Avon area

--Confirmed 2 2MW generator from Gregory Pool deployed to Avon

--Secured 11 generators—2 from Raleigh (arrived), 3 from SC, and 5 from FL

--Additional transformers and mobile substation unit provided to create micro grid on Hatteras and Ocracoke

--Working with NCEM and Division of Highways to secure permits for generator transport from FL

--Must coordinate passage of generators over Bonner Bridge with traffic control measures and direction from DOT engineer

--Electric Membership working with local emergency management to resolve and mitigate impact of outage—local emergency managers updated/conference call with local EMC at 11AM

--Best source of information for local emergency management is from local distribution cooperative

--No unmet needs identified by impacted counties

--Expect limited resource request from impacted counties—traffic control, waiver assistance

--Electric Membership Corp notified and update Governor's office of incident—provided NCEM update information since Governor's update

--Electric Membership Corporation responded to similar outage situations in area on previous occasions

--Additional update notes provided by Oscar Davis

--Event opened in SPARTA—20170727 Outer Banks Power Outage

--Scheduled 10AM, Friday, conference call for additional updates

Call me if you have questions, or need additional information.

Steven F. Davis

Infrastructure Manager

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enforcement personnel, by an authorized state official.

Attachment #1

image002.png

Image



Attachment #2

image002.png

Image



Attachment #3

image002.png

Image



Attachment #4

image001.png

Image



Attachment #5

image002.png

Image



RE: Electric Membership Corp transmission outage update--Saturday, 4 PM

From: Aspey, Darryl <darryl.aspey@HQ.DHS.GOV>
To: Davis, Steve <Steve.Davis@ncdps.gov>
Sent: July 29, 2017 6:33:34 PM EDT
Received: July 29, 2017 6:33:59 PM EDT

Steve,

Nice job organizing the call. It sounds like the emergency generators are doing their job and we will get a status report on damages sometime tomorrow. I will be on the calls tomorrow also.

Thanks again,

Regards,

Darryl

From: Davis, Steve
Sent: Saturday, July 29, 2017 6:05:42 PM
To: Sprayberry, Mike A; Wright, Joe; Daniska, Mike; Brown, Todd; Polk, Will; Hotchkiss, Nelle; Rouse, Jay; Duncan, Russell
Cc: Curtis, Dianne; Davis, Oscar; Wendelgass, Tommy; Wisbey, Glenn; Weavil, Gregory; Webster, Katie; Cameron, Abby; Barnes, Brian; Payne-Hurley, Persia; Kellen, Joshua L.; 'jedixon@ncdot.gov'; MCGRAW, Emily; Tant, Chris; TSAI, David; Brian.Franklin@duke-energy.com; Aspey, Darryl; Wilson, Clarice; PEKRUN, Pam; lee.ragsdale@ncemcs.com; Bissette, Carla; Waldroup, Kenneth; johnnyspencer@tyrrellcounty.net; PANZER, Louis; Pulley, Wendy
Subject: Electric Membership Corp transmission outage update--Saturday, 4 PM

Joe,

Here is the update you requested, for Saturday afternoon, on the Electric Membership Corp's transmission fault/outage along the Bonner Bridge in Dare County—

- Conference call (4 PM) with Electric Membership Corp: Nelle Hotchkiss, Jay Rouse, and Lee Ragsdale provided update on transmission outage
- Temporary power stable on Hatteras Island—9 (2 MW) generator units operating
- EMC focused on generating more stable load for Hatteras Island—Rodanthe, Waves, and Salvo (improving load and alignment)
- Temporary power stable on Ocracoke Island—2 (2 MW) generator units and 1 (1 MW) generator unit installed and operating full-time (since 7/29, 12:15PM)
- Generator units on Hatteras Island and Ocracoke Island operating under severe conservation measures—service curtailment and feeder rotation in effect, generator units may experience brief downtime for maintenance
- Repair parts for permanent diesel generator unit on Ocracoke Island arrived—timeline for restoration to be determined
- EMC continues to monitor load and generator maintenance around the clock—goal to provide stable temporary power for Hatteras Island and Ocracoke Island residents
- Crews continue to excavate area to reach transmission cable and determine extent and nature of damage
- Crews determined 1-of-3 transmission cables significantly damaged (severed)
- Will test integrity of 2 buried transmission cables to determine if all cables are compromised

--If only 1-of-3 transmission cable compromised will attempt to repair (splice) damaged cable—difficult and challenging procedure

--Need better picture on extent of damage to transmission cables—more information, likely, available tomorrow pending additional assessment

--Best case scenario—permanent restoration of electric service to Hatteras Island and Ocracoke Island several days away, or beyond

--Repair and restoration (transmission cable, permanent generation, and generator units) dependent on weather conditions on Hatteras Island and Ocracoke Island—pending weather conditions may delay repair and restoration efforts

--Ferry Division: completed non-resident evacuation of Ocracoke Island—evacuated/transported 3783 people and 1485 cars, scheduled fuel delivery for generators, from Swan Quarter, at 7AM and 1 PM, admended schedule for Hatteras/Ocracoke route departures

--Dare County and Hyde County—no unmet needs, other than return to economic normalcy

--Staff at state EOC assigned to handle any resource requests for Dare County or Hyde County over weekend

--State EOC not activated but key staff on immediate call-back

--Conference call scheduled for Sunday, 7/30, at 10 AM and 4 PM—(919) 715-1909

Call me if you have questions, or need additional information.

Thanks,

Steve

Steven F. Davis

Infrastructure Manager

NC Department of Public Safety

Division of Emergency Management

1636 Gold Star Drive

4236 Mail Service Center

Raleigh, NC 27607-4236

(919) 825-2309, Office

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"You have to go the way your blood beats.
If you don't live the only life you have,
you won't live some other life,
you won't live any life at all."
James Baldwin

From: Davis, Steve
Sent: Saturday, July 29, 2017 3:38 PM
To: Sprayberry, Mike; Wright, Joe; Daniska, Mike; Brown, Todd; Polk, Will; Hotchkiss, Nelle; Rouse, Jay; Duncan, Russell
Cc: Curtis, Dianne; Davis, Oscar; Wendelgass, Tommy; Wisbey, Glenn; Weavil, Gregory; Webster, Katie; Cameron, Abby; Barnes, Brian; Payne-Hurley, Persia; Kellen, Joshua L.; 'jedixon@ncdot.gov'; MCGRAW, Emily; Tant, Chris; TSAI, David; Brian.Franklin@duke-energy.com; Aspey, Darryl; Wilson, Clarice; PEKRUN, Pam; lee.ragsdale@ncemcs.com; Bissette, Carla
Subject: Electric Membership Corp transmission outage update--Saturday, 10 AM

Joe,

Here is the update you requested, for Saturday morning, on the Electric Membership Corp's transmission fault/outage along the Bonner Bridge in Dare County—

- Conference call (10AM) with Electric Membership Corp: Nelle Hotchkiss, Jay Rouse, and Lee Ragsdale provided update on transmission outage
- Temporary power stable on Hatteras Island—7 (2 MW) generator units operating, and 2 (2MW) generator units being assembled for installation
- Temporary power stabilizing on Ocracoke Island—1 (1 MW) generator unit and 1 (2 MW) generator unit operational, and 1(2 MW) generator unit expected operational this afternoon
- Generator unit on Hatteras Island and Ocracoke Island operating under severe conservation measures—service curtailment and feeder rotation in effect
- Repair parts for permanent diesel generator unit arrived—timeline for restoration to be determined
- EMC will continue to monitor load condition and generator operation/maintenance around the clock—goal to provide stable temporary power for Hatteras Island and Ocracoke Island residents
- Crews continue to excavate area to reach transmission cable and determine extent and nature of damage
- No good picture on extent of damage to transmission cable—no timeline for restoration of permanent power to

Hatteras Island and Ocracoke Island

--Dare County and Hyde County—no unmet needs, other than a return to economic normalcy

--Staff at state EOC assigned to handle any resource requests for Dare County or Hyde County over weekend

--State EOC not activated but key staff on immediate call-back

--Scheduled update/conference calls for Saturday, 7/29, at 4PM—will reassess need for additional update/conference calls at that time

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From: Davis, Steve
Sent: Friday, July 28, 2017 6:20 PM
To: Mike Sprayberry; WRIGHT, Joe; DANIKSA, Mike; BROWN, Todd
Cc: DAVIS, Oscar; Wendelgass, Tommy; CURTIS, Dianne; Weavil, Gregory; WISBEY, Glenn; Johnson, Corey; CAMERON, Abby; Barnes, Brian; Pulley, Wendy; Webster, Katie; Thomas, Diana; DUNCAN, Russell; HOTCHKISS, Nelle; Rouse, Jay (jay.rouse@ncemcs.com); lee.ragsdale@ncemcs.com; Dixon, John E; Payne-Hurley, Persia; Waldroup, Kenneth (Kenneth.Waldroup@raleighnc.gov); ASPEY, Darryl; POWERS, Steve; COOK, Mike; GARRETT, Steven; STACEY, Bobbitt; MCGRAW, Emily; jlkellen@ncdot.gov; Johnson, Darlene M (dmjohnson11@ncdot.gov); TSAI, David; Brian.Franklin@duke-energy.com; PEKRUN, Pam; WILSON, Clarice
Subject: Electric Membership Corp transmission outage update--Friday, 4PM

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--Conference call (4PM) with NC Electric Membership Corp: Nelle Hotchkiss, Jay Rouse, Lee Ragsdale, and Chris Johnson provided update on transmission outage

--All generators on site, except 2 (2 MW) units for Ocracoke Island—units expected to arrive, by 5:15 PM, 7/28, on Swan Quarter ferry

--Delivered generators in state of connection and configuration—expect generators installed and running by, evening or overnight, 7/28

--1 (2MW) generator for Ocracoke Island expecting installation and connection, by 2PM, 7/29—unit missing transformer

--Transformer for 2 MW generator expected to depart Hatteras terminal for Ocracoke Island, by midnight, 7/29—Ferry Division prepared to make special run to Ocracoke Island to deliver transformer

--Contractor restoration crew on site excavating area near transmission cable—no firm timeline on repair assessment available (may be reasonable to expect restoration information, by 4PM, 7/29)

--Recommend polling impacted water and wastewater providers for backup generator redundancy information to mitigate generator failure

--Dare County and Hyde County will closely monitor use and need of all deployed resources

--Staff at state EOC assigned to handle any resource requests for Dare County or Hyde County over weekend

--State EOC not activated but key staff on immediate call-back

--Scheduled update/conference calls for Saturday, 7/29, at 10AM and 4PM—will reassess need for additional update/conference calls at that time

Call me if you have questions, or need additional information.

Thanks,

Steve

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From: Davis, Oscar

Sent: Friday, July 28, 2017 12:27 PM

To:

Cc:

Subject: RE: Electric Membership transmission outage update--Thursday, 4PM

Sir,

Below are items from the 10AM conference call:

- Conference call (10AM) with NC Electric Membership Corp: Nelle Hotchkiss, Jay Rouse, and Lee Ragsdale provided update on transmission outage

- Jay Rouse reports he has contacted Caterpillar Rentals in an effort to check the status on a generator that has been delayed in SC. This item has been resolved

- Ocracoke Island Update:

- oEMC generator suffered an outage yesterday and will be out of service for an extended period of time (one week to 10 Days)

- oTideland EMC has placed a 1 MGW diesel generator in service and it is powering one circuit on the island. Two (2) additional diesel generators are scheduled for delivery this afternoon and should be in service this evening.

- oJed Dixon, Ferry Division, confirmed that both will depart from Swap Quarter at noon

- o1 installed; 2 in route

- Hatteras

- oThe Buxton units have been running since yesterday, serving the southern portion of the island.

- oTemporary generators have been installed at Avon and Wade to power the northern portion of the island. These are rotating feeders due to the inability to serve the entire area; additional generators should arrive today

- oBrunswick and Roanoke EMC crews are on hand to assist with manning the temporary generators

- o2 generators operating; 5 in place and currently being installed; 2 in route

- Drew Pearson, Dare County EM, reports some challenges with getting the loads reduced to and stabilizing distribution

Question:Once the generators are in place is it accurate for me to tell the Governor that coverage for all public safety, businesses and residents will be covered?

Answer:Yes. However, conservation is key. The temporary generators cannot supply the loads that most are accustomed too but with active management, services will be met. When all generators are in place, we expect to generate ~33 MGW of power, we normally produce approx. 42~43.

Question:Are we okay with water and sewer?

Answer:Yes Sir.

- No anticipated issues in receiving or distributing fuel. Jed Dixon reports that the Ferry Division has coordinated with fuel distributors to deliver twice a day from Swamp Quarter @ 7AM and 1PM

- EMC HQ will provide a press release shortly reinforcing the conservation message for residents and businesses

·No anticipated issues with the VIPER tower (1,400 gallons of fuel on hand)

·**Assessment team is on site where the fault occurred. First step is to remove the pylon that struck the line and expose the area for further inspection. Hopefully this evening or early tomorrow we will have an idea of equipment needed for repair and estimate on restoration. **

·No additional SHP personnel requested

·SHP offer assistance with expediting delivery of equipment into the area. Notify them of any anticipated need and they will accommodate

·Will Polk states that transportation waivers are in place which covers weight and hours of service; the price gouging provision is in place (report suspected case to the NC AG Office); Due to the State of Emergency and mandatory evacuation, affected vacationers are covered under GS.42A-36, some may be entitled to a refund if in compliance with the order. Additional guidance may follow.

·NCDOT does not anticipate weight of incoming generators to be an issue crossing Bonner Bridge, but NCEM Infrastructure will double-check with co-ops to verify weight.

·Next conference call is @ 4PM

V/r

Oscar L Davis

Strategic Planning Branch Supervisor

Planning and Homeland Security Section

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Cell (919)356-3481

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From: Davis, Steve

Sent: Thursday, July 27, 2017 5:48 PM

To:

Cc:

Subject: Electric Membership transmission outage update--Thursday, 4PM

Joe,

Here is the update, for Thursday afternoon, you requested on the Electric Membership Corp's transmission fault/outage along the Bonner Bridge in Dare County—

--Conference call (4PM) with NC Electric Membership Corp: Nelle Hotchkiss, Jay Rouse, and Lee Ragsdale, to provide update on transmission outage

--Transmission fault occurred July 27th, between 4AM and 4:30AM, along Bonner Bridge in Dare County—no known injuries

--Contractor repairing Bonner Bridge damaged EMC transmission cable—extent of damage unknown

--Transmission line generally provides 50 MW load to service area

--Service area from Bonner Bridge, at Oregon Inlet, to Cape Hatteras, to Ocracoke without power

--No estimate on customer without power restoration

--ETOR not possible until assessment from specialty restoration contractor

--Specialty restoration contractor crew expected to arrive today—ETOR by tomorrow

--EMC personnel from Raleigh deployed to operate permanent generation in Buxton and Ocracoke

--Cape Hatteras EMC micro grid power assets online

--Cape Hatteras backup generation will provide 18 MW (normal load 50MW) between Cape Hatteras and Ocracoke

--Curtailment and feeder rotation in effect upon load generation on Ocracoke—2 hours with power, 4 hours without power

--All units (5) operating at Buxton (12MW)

--Unit at Ocracoke online this morning but tripped off this afternoon due to mechanical issues

--Repair crew enroute or on scene to assess repair needs

--Micro grid batteries at Ocracoke helping to maintain load at Buxton

--Using micro grid to control and conserve energy consumption on Ocracoke

--Temporary generators expected to arrive tomorrow for Ocracoke load

--May be able to serve some load on Ocracoke, overnight, from Buxton

--Current priority is to get mobile generators to Hatteras—two generator units arrived, 3pm, today

--Engineers on scene to assist with repair of transmission line, and generation at Hatteras and Ocracoke

--Power for small appliances, television, and some indoor lighting

- Expect extended outage event—multiple days of service curtailment and feeder rotation
- Additional generation needed for Avon area
- Confirmed 2 2MW generator from Gregory Pool deployed to Avon
- Secured 11 generators—2 from Raleigh (arrived), 3 from SC, and 5 from FL
- Additional transformers and mobile substation unit provided to create micro grid on Hatteras and Ocracoke
- Working with NCEM and Division of Highways to secure permits for generator transport from FL
- Must coordinate passage of generators over Bonner Bridge with traffic control measures and direction from DOT engineer
- Electric Membership working with local emergency management to resolve and mitigate impact of outage—local emergency managers updated/conference call with local EMC at 11AM
- Best source of information for local emergency management is from local distribution cooperative
- No unmet needs identified by impacted counties
- Expect limited resource request from impacted counties—traffic control, waiver assistance
- Electric Membership Corp notified and update Governor's office of incident—provided NCEM update information since Governor's update
- Electric Membership Corporation responded to similar outage situations in area on previous occasions
- Additional update notes provided by Oscar Davis
- Event opened in SPARTA—20170727 Outer Banks Power Outage
- Scheduled 10AM, Friday, conference call for additional updates

Call me if you have questions, or need additional information.

Steven F. Davis

Infrastructure Manager

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FW: Electric Membership Corp transmission outage update--Friday, 4PM

From: Steve.Davis@ncdps.gov
To: Johnathan.Moon@ncdps.gov, Imani.West@ncdps.gov
Sent: August 4, 2017 11:57:02 AM EDT
Received: August 4, 2017 11:57:03 AM EDT

From: Davis, Steve
Sent: Friday, July 28, 2017 6:21 PM
To: Mike Sprayberry; WRIGHT, Joe; DANIKSA, Mike; BROWN, Todd
Cc: DAVIS, Oscar; Wendelgass, Tommy; CURTIS, Dianne; Weavil, Gregory; WISBEY, Glenn; Johnson, Corey; CAMERON, Abby; Barnes, Brian; Pulley, Wendy; Webster, Katie; Thomas, Diana; DUNCAN, Russell; HOTCHKISS, Nelle; Rouse, Jay (jay.rouse@ncemcs.com); lee.ragsdale@ncemcs.com; 'Dixon, John E'; Payne-Hurley, Persia; Waldroup, Kenneth (Kenneth.Waldroup@raleighnc.gov); ASPEY, Darryl; POWERS, Steve; COOK, Mike; GARRETT, Steven; STACEY, Bobbitt; MCGRAW, Emily; jlkellen@ncdot.gov; Johnson, Darlene M (dmjohnson11@ncdot.gov); TSAI, David; Brian.Franklin@duke-energy.com; PEKRUN, Pam; WILSON, Clarice
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--1 (2MW) generator for Ocracoke Island expecting installation and connection, by 2PM, 7/29—unit missing transformer

--Transformer for 2 MW generator expected to depart Hatteras terminal for Ocracoke Island, by midnight, 7/29—Ferry Division prepared to make special run to Ocracoke Island to deliver transformer

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oEMC generator suffered an outage yesterday and will be out of service for an extended period of time (one week to 10 Days)

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- Electric Membership working with local emergency management to resolve and mitigate impact of outage—local emergency managers updated/conference call with local EMC at 11AM
- Best source of information for local emergency management is from local distribution cooperative
- No unmet needs identified by impacted counties
- Expect limited resource request from impacted counties—traffic control, waiver assistance
- Electric Membership Corp notified and update Governor's office of incident—provided NCEM update information since Governor's update
- Electric Membership Corporation responded to similar outage situations in area on previous occasions
- Additional update notes provided by Oscar Davis
- Event opened in SPARTA—20170727 Outer Banks Power Outage
- Scheduled 10AM, Friday, conference call for additional updates

Call me if you have questions, or need additional information.

Steven F. Davis

Infrastructure Manager

NC Department of Public Safety

Division of Emergency Management

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FW: Electric Membership Corp transmission outage update--Saturday, 10 AM

From: Steve.Davis@ncdps.gov
To: Johnathan.Moon@ncdps.gov, Imani.West@ncdps.gov
Sent: August 4, 2017 11:57:17 AM EDT
Received: August 4, 2017 11:57:17 AM EDT

From: Davis, Steve
Sent: Saturday, July 29, 2017 3:39 PM
To: Sprayberry, Mike; Wright, Joe; Daniska, Mike; Brown, Todd; Polk, Will; Hotchkiss, Nelle; Rouse, Jay; Duncan, Russell
Cc: Curtis, Dianne; Davis, Oscar; Wendelgass, Tommy; Wisbey, Glenn; Weavil, Gregory; Webster, Katie; Cameron, Abby; Barnes, Brian; Payne-Hurley, Persia; Kellen, Joshua L.; 'jedixon@ncdot.gov'; MCGRAW, Emily; Tant, Chris; TSAI, David; Brian.Franklin@duke-energy.com; Aspey, Darryl; Wilson, Clarice; PEKRUN, Pam; lee.ragsdale@ncemcs.com; Bissette, Carla
Subject: Electric Membership Corp transmission outage update--Saturday, 10 AM

Joe,

Here is the update you requested, for Saturday morning, on the Electric Membership Corp's transmission fault/outage along the Bonner Bridge in Dare County—

--Conference call (10AM) with Electric Membership Corp: Nelle Hotchkiss, Jay Rouse, and Lee Ragsdale provided update on transmission outage

--Temporary power stable on Hatteras Island—7 (2 MW) generator units operating, and 2 (2MW) generator units being assembled for installation

--Temporary power stabilizing on Ocracoke Island—1 (1 MW) generator unit and 1 (2 MW) generator unit operational, and 1(2 MW) generator unit expected operational this afternoon

--Generator unit on Hatteras Island and Ocracoke Island operating under severe conservation measures—service curtailment and feeder rotation in effect

--Repair parts for permanent diesel generator unit arrived—timeline for restoration to be determined

--EMC will continue to monitor load condition and generator operation/maintenance around the clock—goal to provide stable temporary power for Hatteras Island and Ocracoke Island residents

--Crews continue to excavate area to reach transmission cable and determine extent and nature of damage

--No good picture on extent of damage to transmission cable—no timeline for restoration of permanent power to Hatteras Island and Ocracoke Island

--Dare County and Hyde County—no unmet needs, other than a return to economic normalcy

--Staff at state EOC assigned to handle any resource requests for Dare County or Hyde County over weekend

--State EOC not activated but key staff on immediate call-back

--Scheduled update/conference calls for Saturday, 7/29, at 4PM—will reassess need for additional update/conference

calls at that time

Call me if you have questions, or need additional information.

Thanks,

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James Baldwin

From: Davis, Steve

Sent: Friday, July 28, 2017 6:20 PM

To: Mike Sprayberry; WRIGHT, Joe; DANIKSA, Mike; BROWN, Todd

Cc: DAVIS, Oscar; Wendelgass, Tommy; CURTIS, Dianne; Weavil, Gregory; WISBEY, Glenn; Johnson, Corey; CAMERON, Abby; Barnes, Brian; Pulley, Wendy; Webster, Katie; Thomas, Diana; DUNCAN, Russell; HOTCHKISS, Nelle; Rouse, Jay (jay.rouse@ncemcs.com); lee.ragsdale@ncemcs.com; Dixon, John E; Payne-Hurley, Persia; Waldroup, Kenneth (Kenneth.Waldroup@raleighnc.gov); ASPEY, Darryl; POWERS, Steve; COOK, Mike; GARRETT, Steven; STACEY, Bobbitt; MCGRAW, Emily; jlkellen@ncdot.gov; Johnson, Darlene M (dmjohnson11@ncdot.gov); TSAI, David; Brian.Franklin@duke-energy.com; PEKRUN, Pam; WILSON, Clarice
Subject: Electric Membership Corp transmission outage update--Friday, 4PM

Joe,

Here is the update you requested, for Friday afternoon, on the Electric Membership Corp's transmission fault/outage along the Bonner Bridge in Dare County—

--Conference call (4PM) with NC Electric Membership Corp: Nelle Hotchkiss, Jay Rouse, Lee Ragsdale, and Chris Johnson provided update on transmission outage

--All generators on site, except 2 (2 MW) units for Ocracoke Island—units expected to arrive, by 5:15 PM, 7/28, on Swan Quarter ferry

--Delivered generators in state of connection and configuration—expect generators installed and running by, evening or overnight, 7/28

--1 (2MW) generator for Ocracoke Island expecting installation and connection, by 2PM, 7/29—unit missing transformer

--Transformer for 2 MW generator expected to depart Hatteras terminal for Ocracoke Island, by midnight, 7/29—Ferry Division prepared to make special run to Ocracoke Island to deliver transformer

--Contractor restoration crew on site excavating area near transmission cable—no firm timeline on repair assessment available (may be reasonable to expect restoration information, by 4PM, 7/29)

--Recommend polling impacted water and wastewater providers for backup generator redundancy information to mitigate generator failure

--Dare County and Hyde County will closely monitor use and need of all deployed resources

--Staff at state EOC assigned to handle any resource requests for Dare County or Hyde County over weekend

--State EOC not activated but key staff on immediate call-back

--Scheduled update/conference calls for Saturday, 7/29, at 10AM and 4PM—will reassess need for additional update/conference calls at that time

Call me if you have questions, or need additional information.

Thanks,

Steve

Steven F. Davis

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From: Davis, Oscar

Sent: Friday, July 28, 2017 12:27 PM

To:

Cc:

Subject: RE: Electric Membership transmission outage update--Thursday, 4PM

Sir,

Below are items from the 10AM conference call:

- Conference call (10AM) with NC Electric Membership Corp: Nelle Hotchkiss, Jay Rouse, and Lee Ragsdale provided update on transmission outage

- Jay Rouse reports he has contacted Caterpillar Rentals in an effort to check the status on a generator that has been delayed in SC. This item has been resolved

- Ocracoke Island Update:

- oEMC generator suffered an outage yesterday and will be out of service for an extended period of time (one week to 10 Days)

- oTideland EMC has placed a 1 MGW diesel generator in service and it is powering one circuit on the island. Two (2) additional diesel generators are scheduled for delivery this afternoon and should be in service this evening.

- oJed Dixon, Ferry Division, confirmed that both will depart from Swap Quarter at noon

- o1 installed; 2 in route

- Hatteras

- oThe Buxton units have been running since yesterday, serving the southern portion of the island.

- oTemporary generators have been installed at Avon and Wade to power the northern portion of the island. These are rotating feeders due to the inability to serve the entire area; additional generators should arrive today

- oBrunswick and Roanoke EMC crews are on hand to assist with manning the temporary generators

- o2 generators operating; 5 in place and currently being installed; 2 in route

- Drew Pearson, Dare County EM, reports some challenges with getting the loads reduced to and stabilizing distribution

Question:Once the generators are in place is it accurate for me to tell the Governor that coverage for all public safety, businesses and residents will be covered?

Answer:Yes. However, conservation is key. The temporary generators cannot supply the loads that most are accustomed too but with active management, services will be met. When all generators are in place, we expect to generate ~33 MGW of power, we normally produce approx. 42~43.

Question:Are we okay with water and sewer?

Answer:Yes Sir.

- No anticipated issues in receiving or distributing fuel. Jed Dixon reports that the Ferry Division has coordinated with fuel distributors to deliver twice a day from Swamp Quarter @ 7AM and 1PM

- EMC HQ will provide a press release shortly reinforcing the conservation message for residents and businesses

·No anticipated issues with the VIPER tower (1,400 gallons of fuel on hand)

·**Assessment team is on site where the fault occurred. First step is to remove the pylon that struck the line and expose the area for further inspection. Hopefully this evening or early tomorrow we will have an idea of equipment needed for repair and estimate on restoration. **

·No additional SHP personnel requested

·SHP offer assistance with expediting delivery of equipment into the area. Notify them of any anticipated need and they will accommodate

·Will Polk states that transportation waivers are in place which covers weight and hours of service; the price gouging provision is in place (report suspected case to the NC AG Office); Due to the State of Emergency and mandatory evacuation, affected vacationers are covered under GS.42A-36, some may be entitled to a refund if in compliance with the order. Additional guidance may follow.

·NCDOT does not anticipate weight of incoming generators to be an issue crossing Bonner Bridge, but NCEM Infrastructure will double-check with co-ops to verify weight.

·Next conference call is @ 4PM

V/r

Oscar L Davis

Strategic Planning Branch Supervisor

Planning and Homeland Security Section

NC Department of Public Safety

Office (919) 825-2273

Cell (919)356-3481

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From: Davis,Steve

Sent: Thursday, July 27, 2017 5:48 PM

To:

Cc:

Subject: Electric Membership transmission outage update--Thursday, 4PM

Joe,

Here is the update, for Thursday afternoon, you requested on the Electric Membership Corp's transmission fault/outage along the Bonner Bridge in Dare County—

--Conference call (4PM) with NC Electric Membership Corp: Nelle Hotchkiss, Jay Rouse, and Lee Ragsdale, to provide update on transmission outage

--Transmission fault occurred July 27th, between 4AM and 4:30AM, along Bonner Bridge in Dare County—no known injuries

--Contractor repairing Bonner Bridge damaged EMC transmission cable—extent of damage unknown

--Transmission line generally provides 50 MW load to service area

--Service area from Bonner Bridge, at Oregon Inlet, to Cape Hatteras, to Ocracoke without power

--No estimate on customer without power restoration

--ETOR not possible until assessment from specialty restoration contractor

--Specialty restoration contractor crew expected to arrive today—ETOR by tomorrow

--EMC personnel from Raleigh deployed to operate permanent generation in Buxton and Ocracoke

--Cape Hatteras EMC micro grid power assets online

--Cape Hatteras backup generation will provide 18 MW (normal load 50MW) between Cape Hatteras and Ocracoke

--Curtailment and feeder rotation in effect upon load generation on Ocracoke—2 hours with power, 4 hours without power

--All units (5) operating at Buxton (12MW)

--Unit at Ocracoke online this morning but tripped off this afternoon due to mechanical issues

--Repair crew enroute or on scene to assess repair needs

--Micro grid batteries at Ocracoke helping to maintain load at Buxton

--Using micro grid to control and conserve energy consumption on Ocracoke

--Temporary generators expected to arrive tomorrow for Ocracoke load

--May be able to serve some load on Ocracoke, overnight, from Buxton

--Current priority is to get mobile generators to Hatteras—two generator units arrived, 3pm, today

--Engineers on scene to assist with repair of transmission line, and generation at Hatteras and Ocracoke

--Power for small appliances, television, and some indoor lighting

--Expect extended outage event—multiple days of service curtailment and feeder rotation

- Additional generation needed for Avon area
- Confirmed 2 2MW generator from Gregory Pool deployed to Avon
- Secured 11 generators—2 from Raleigh (arrived), 3 from SC, and 5 from FL
- Additional transformers and mobile substation unit provided to create micro grid on Hatteras and Ocracoke
- Working with NCEM and Division of Highways to secure permits for generator transport from FL
- Must coordinate passage of generators over Bonner Bridge with traffic control measures and direction from DOT engineer
- Electric Membership working with local emergency management to resolve and mitigate impact of outage—local emergency managers updated/conference call with local EMC at 11AM
- Best source of information for local emergency management is from local distribution cooperative
- No unmet needs identified by impacted counties
- Expect limited resource request from impacted counties—traffic control, waiver assistance
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- Electric Membership Corporation responded to similar outage situations in area on previous occasions
- Additional update notes provided by Oscar Davis
- Event opened in SPARTA—20170727 Outer Banks Power Outage
- Scheduled 10AM, Friday, conference call for additional updates

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FW: Electric Membership Corp transmission outage update--Saturday, 4 PM

From: Steve.Davis@ncdps.gov
To: Johnathan.Moon@ncdps.gov, Imani.West@ncdps.gov
Sent: August 4, 2017 11:57:35 AM EDT
Received: August 4, 2017 11:57:36 AM EDT

From: Davis, Steve
Sent: Saturday, July 29, 2017 6:06 PM
To: Sprayberry, Mike; Wright, Joe; Daniska, Mike; Brown, Todd; Polk, Will; HOTCHKISS, Nelle; Rouse, Jay; Duncan, Russell
Cc: Curtis, Dianne; Davis, Oscar; Wendelgass, Tommy; Wisbey, Glenn; Weavil, Gregory; Webster, Katie; Cameron, Abby; Barnes, Brian; Payne-Hurley, Persia; Kellen, Joshua L.; 'jedixon@ncdot.gov'; MCGRAW, Emily; Tant, Chris; TSAI, David; Brian.Franklin@duke-energy.com; Aspey, Darryl; Wilson, Clarice; PEKRUN, Pam; lee.ragsdale@ncemcs.com; Bissette, Carla; Waldroup, Kenneth; johnnyspencer@tyrrellcounty.net; PANZER, Louis; Pulley, Wendy
Subject: Electric Membership Corp transmission outage update--Saturday, 4 PM

Joe,

Here is the update you requested, for Saturday afternoon, on the Electric Membership Corp's transmission fault/outage along the Bonner Bridge in Dare County—

--Conference call (4 PM) with Electric Membership Corp: Nelle Hotchkiss, Jay Rouse, and Lee Ragsdale provided update on transmission outage

--Temporary power stable on Hatteras Island—9 (2 MW) generator units operating

--EMC focused on generating more stable load for Hatteras Island—Rodanthe, Waves, and Salvo (improving load and alignment)

--Temporary power stable on Ocracoke Island—2 (2 MW) generator units and 1 (1 MW) generator unit installed and operating full-time (since 7/29, 12:15PM)

--Generator units on Hatteras Island and Ocracoke Island operating under severe conservation measures—service curtailment and feeder rotation in effect, generator units may experience brief downtime for maintenance

--Repair parts for permanent diesel generator unit on Ocracoke Island arrived—timeline for restoration to be determined

--EMC continues to monitor load and generator maintenance around the clock—goal to provide stable temporary power for Hatteras Island and Ocracoke Island residents

--Crews continue to excavate area to reach transmission cable and determine extent and nature of damage

--Crews determined 1-of-3 transmission cables significantly damaged (severed)

--Will test integrity of 2 buried transmission cables to determine if all cables are compromised

--If only 1-of-3 transmission cable compromised will attempt to repair (splice) damaged cable—difficult and challenging procedure

--Need better picture on extent of damage to transmission cables—more information, likely, available tomorrow pending additional assessment

--Best case scenario—permanent restoration of electric service to Hatteras Island and Ocracoke Island several days away, or beyond

--Repair and restoration (transmission cable, permanent generation, and generator units) dependent on weather conditions on Hatteras Island and Ocracoke Island—pending weather conditions may delay repair and restoration efforts

--Ferry Division: completed non-resident evacuation of Ocracoke Island—evacuated/transported 3783 people and 1485 cars, scheduled fuel delivery for generators, from Swan Quarter, at 7AM and 1 PM, admended schedule for Hatteras/Ocracoke route departures

--Dare County and Hyde County—no unmet needs, other than return to economic normalcy

--Staff at state EOC assigned to handle any resource requests for Dare County or Hyde County over weekend

--State EOC not activated but key staff on immediate call-back

--Conference call scheduled for Sunday, 7/30, at 10 AM and 4 PM—(919) 715-1909

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Thanks,

Steve

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Sent: Saturday, July 29, 2017 3:38 PM

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Cc: Curtis, Dianne; Davis, Oscar; Wendelgass, Tommy; Wisbey, Glenn; Weavil, Gregory; Webster, Katie; Cameron, Abby; Barnes, Brian; Payne-Hurley, Persia; Kellen, Joshua L.; 'jedixon@ncdot.gov'; MCGRAW, Emily; Tant, Chris; TSAI, David; Brian.Franklin@duke-energy.com; Aspey, Darryl; Wilson, Clarice; PEKRUN, Pam; lee.ragsdale@ncemcs.com; Bisette, Carla

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--Temporary power stabilizing on Ocracoke Island—1 (1 MW) generator unit and 1 (2 MW) generator unit operational, and 1(2 MW) generator unit expected operational this afternoon

--Generator unit on Hatteras Island and Ocracoke Island operating under severe conservation measures—service curtailment and feeder rotation in effect

--Repair parts for permanent diesel generator unit arrived—timeline for restoration to be determined

--EMC will continue to monitor load condition and generator operation/maintenance around the clock—goal to provide stable temporary power for Hatteras Island and Ocracoke Island residents

--Crews continue to excavate area to reach transmission cable and determine extent and nature of damage

--No good picture on extent of damage to transmission cable—no timeline for restoration of permanent power to Hatteras Island and Ocracoke Island

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Sent: Friday, July 28, 2017 6:20 PM

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--All generators on site, except 2 (2 MW) units for Ocracoke Island—units expected to arrive, by 5:15 PM, 7/28, on Swan Quarter ferry

--Delivered generators in state of connection and configuration—expect generators installed and running by, evening or overnight, 7/28

--1 (2MW) generator for Ocracoke Island expecting installation and connection, by 2PM, 7/29—unit missing transformer

--Transformer for 2 MW generator expected to depart Hatteras terminal for Ocracoke Island, by midnight, 7/29—Ferry Division prepared to make special run to Ocracoke Island to deliver transformer

--Contractor restoration crew on site excavating area near transmission cable—no firm timeline on repair assessment available (may be reasonable to expect restoration information, by 4PM, 7/29)

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From: Davis, Oscar

Sent: Friday, July 28, 2017 12:27 PM

To:

Cc:

Subject: RE: Electric Membership transmission outage update--Thursday, 4PM

Sir,

Below are items from the 10AM conference call:

·Conference call (10AM) with NC Electric Membership Corp: Nelle Hotchkiss, Jay Rouse, and Lee Ragsdale provided update on transmission outage

·Jay Rouse reports he has contacted Caterpillar Rentals in an effort to check the status on a generator that has been delayed in SC. This item has been resolved

·Ocracoke Island Update:

oEMC generator suffered an outage yesterday and will be out of service for an extended period of time (one week to 10 Days)

oTideland EMC has placed a 1 MGW diesel generator in service and it is powering one circuit on the island. Two (2) additional diesel generators are scheduled for delivery this afternoon and should be in service this evening.

oJed Dixon, Ferry Division, confirmed that both will depart from Swap Quarter at noon

o1 installed; 2 in route

·Hatteras

oThe Buxton units have been running since yesterday, serving the southern portion of the island.

oTemporary generators have been installed at Avon and Wade to power the northern portion of the island. These are rotating feeders due to the inability to serve the entire area; additional generators should arrive today

oBrunswick and Roanoke EMC crews are on hand to assist with manning the temporary generators

o2 generators operating; 5 in place and currently being installed; 2 in route

·Drew Pearson, Dare County EM, reports some challenges with getting the loads reduced to and stabilizing distribution

Question:Once the generators are in place is it accurate for me to tell the Governor that coverage for all public safety, businesses and residents will be covered?

Answer:Yes. However, conservation is key. The temporary generators cannot supply the loads that most are accustomed too but with active management, services will be met. When all generators are in place, we expect to generate ~33 MGW of power, we normally produce approx. 42~43.

Question:Are we okay with water and sewer?

Answer:Yes Sir.

·No anticipated issues in receiving or distributing fuel. Jed Dixon reports that the Ferry Division has coordinated with fuel distributors to deliver twice a day from Swamp Quarter @ 7AM and 1PM

·EMC HQ will provide a press release shortly reinforcing the conservation message for residents and businesses

·No anticipated issues with the VIPER tower (1,400 gallons of fuel on hand)

·**Assessment team is on site where the fault occurred. First step is to remove the pylon that struck the line and expose the area for further inspection. Hopefully this evening or early tomorrow we will have an idea of equipment needed for repair and estimate on restoration. **

·No additional SHP personnel requested

·SHP offer assistance with expediting delivery of equipment into the area. Notify them of any anticipated need and they will accommodate

·Will Polk states that transportation waivers are in place which covers weight and hours of service; the price gouging provision is in place (report suspected case to the NC AG Office); Due to the State of Emergency and mandatory evacuation, affected vacationers are covered under GS.42A-36, some may be entitled to a refund if in compliance with the order. Additional guidance may follow.

·NCDOT does not anticipate weight of incoming generators to be an issue crossing Bonner Bridge, but NCEM Infrastructure will double-check with co-ops to verify weight.

·Next conference call is @ 4PM

V/r

Oscar L Davis

Strategic Planning Branch Supervisor

Planning and Homeland Security Section

NC Department of Public Safety

Office (919) 825-2273

Cell (919)356-3481

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From: Davis, Steve

Sent: Thursday, July 27, 2017 5:48 PM

To:

Cc:

Subject: Electric Membership transmission outage update--Thursday, 4PM

Joe,

Here is the update, for Thursday afternoon, you requested on the Electric Membership Corp's transmission fault/outage along the Bonner Bridge in Dare County—

--Conference call (4PM) with NC Electric Membership Corp: Nelle Hotchkiss, Jay Rouse, and Lee Ragsdale, to provide update on transmission outage

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--Transmission line generally provides 50 MW load to service area

--Service area from Bonner Bridge, at Oregon Inlet, to Cape Hatteras, to Ocracoke without power

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--Best source of information for local emergency management is from local distribution cooperative

--No unmet needs identified by impacted counties

--Expect limited resource request from impacted counties—traffic control, waiver assistance

--Electric Membership Corp notified and update Governor's office of incident—provided NCEM update information

since Governor's update

--Electric Membership Corporation responded to similar outage situations in area on previous occasions

--Additional update notes provided by Oscar Davis

--Event opened in SPARTA—20170727 Outer Banks Power Outage

--Scheduled 10AM, Friday, conference call for additional updates

Call me if you have questions, or need additional information.

Steven F. Davis

Infrastructure Manager

NC Department of Public Safety

Division of Emergency Management

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4236 Mail Service Center

Raleigh, NC 27607-4236

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Automatic reply: Construction on hurricane evacuation routes

From: McGraw, Emily O <emcgraw@ncdot.gov>
To: Davis, Steve (NCEM) <Steve.Davis@ncdps.gov>
Sent: August 4, 2017 1:59:16 PM EDT
Received: August 4, 2017 1:59:28 PM EDT

I will be out of the office until Monday, August 14th. If you need immediate assistance please contact Sam Eddy at 919-733-3725.

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Automatic reply: Construction on hurricane evacuation routes

From: Waters, Jason <Jason.Waters@raleighnc.gov>
To: Davis, Steve <Steve.Davis@ncdps.gov>
Sent: August 4, 2017 1:59:53 PM EDT
Received: August 4, 2017 2:00:04 PM EDT

I am out of the office at this time, and will return on Monday August 14th, 2017. I will attend to emails a couple times a day, so my response will be delayed. If you have an emergency, please contact Laverne Harding or Stanely Brower.

Thanks

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Power outage

From: Abby.Cameron@ncdps.gov
To: Steve.Davis@ncdps.gov
Sent: July 27, 2017 11:36:35 AM EDT
Received: July 27, 2017 11:36:36 AM EDT

Can you come to media room about 1:45 and give us update on outage. State level DSS and Red Cross are here.
Thanks

Abby Cameron
Human Services Manager
North Carolina Emergency Management
919-825-2327 office
919-215-4954 cell

Sent from my iPhone

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Conference call notes

From: Oscar.Davis@ncdps.gov
To: Steve.Davis@ncdps.gov, Tommy.Wendelgass@ncdps.gov,
Corey.Johnson@ncdps.gov
Sent: July 27, 2017 12:15:18 PM EDT
Received: July 27, 2017 12:15:19 PM EDT
Attachments: Outer Banks Power Outage 7-27-17.docx

All,

Please review attached notes and let me know if I left off anything. I will then push the notes out to the descion makers.

Oscar L Davis

Strategic Planning Branch Supervisor

Planning and Homeland Security Section

NC Department of Public Safety

Office (919) 825-2273

Cell (919)356-3481

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Attachment #1

Outer Banks Power Outage 7-27-17.docx

Original view

2 pages (displayed on pages 235 to 236)

Outer Banks Power Outage Conference Call

July 27, 2017

- Conducted conference call with Nelle Hotchkiss, Jay Rouse and Lee Ragsdale of Dominion Power
- At 4am, July 27th a fault on transmission line connected to the old Bonner Bridge failed
- Under normal conditions, the line would carry a load of 50 Megawatts
- Cape Hatteras EM has contacted the emergency contractor and they are en route to complete an assessment, which includes identifying cause and restoration time
- Dominion HQ has dispatched assistance to the local cooperatives around Buxton and Ocracoke. Emergency Power generation assets (MicroGrid) are full of fuel and being brought on-line at this time. This process will generate 18 megawatts for the affected area. This will not give all full power but enough to keep food cold and provide some lighting (**typical to a post-storm response**)
- Feeders will be rotated throughout this event, which will be 2hrs on and 2hrs off
- Dominion and its affected CoOps have been in contact with local EM's
- Gregory Poole will deliver (2) 2megawatt generators to Avon. Added power generation to this area is required due to the configuration of the grid
- Further assessment is needed to determine whether additional generators need to be delivered to Cape Hatteras
- Working with Hyde County EM to setup a 911 reverse call to inform locals and visitors that they may experience an "extended outage"

Question: *When you say extended, what does that mean?*

Answer: *We don't know until the assessment is complete. We can't answer that right now. We are preparing for a multi-day event, that's why we are bringing in the extra generators to Avon*

- NCEM should expect calls from local EM's for assistance with traffic and possible waivers for transportation of generators
- Governor's Office has been contacted
- The process is underway to bring up emergency power in Ocracoke but there is a detailed process which must be followed in order to ensure there is not a drop in load

Question: *Is the affected line submerged?*

Answer: *The line that is down connected to the old bridge. The submerged line is not effected. This is a one-line situation; it is not looped. So, when it faults, everything below the fault goes out.*

Question: *You mentioned Ocracoke, is that the MicroGrid project we discussed?*

Answer: *Yes. We have Lee Ragsdale here with us and he manages that project. He will lead that effort.*

Question: *Do you have an ETA on arrival of inspection/assessment team and how long will that process take?*

Answer: *At this time, I don't have an answer, they are a specialized crew and I don't know where they are coming from. We can schedule another call this evening for a follow up.*

- Next conference call will be at 4PM. Conference call line: 919-715-1909

Call Attendees:

Nelle Hotchkiss, Dominion Power

Jay Rouse, Dominion Power

Lee Ragsdale, Dominion Power

Steve Davis, NCEM

Oscar Davis, NCEM

Tommy Wendelgass, NCEM

Corey Johnson, NCEM

Katie Webster, NCEM

Greg Weavil, NCEM

Russell Duncan, State Energy Office

FW: Hatteras Island situation

From: Steve.Davis@ncdps.gov
To: Will.Polk@ncdps.gov
Sent: July 27, 2017 2:32:47 PM EDT
Received: July 27, 2017 2:32:48 PM EDT

From: Curtis, Dianne
Sent: Thursday, July 27, 2017 1:34 PM
To: Daniska, Mike; Davis, Steve
Subject: Fwd: Hatteras Island situation

V/r

Dianne Curtis

EBO Mgr

252-361-5427

Sent fm iPhone, please pardon brevity

Begin forwarded message:

From: "Parnell, Brian" <Brian.Parnell@ncdps.gov>
Date: July 27, 2017 at 1:32:31 PM EDT
To: "Curtis, Dianne" <Dianne.Curtis@ncdps.gov>, "Wright, Joe" <Joe.Wright@ncdps.gov>
Cc: "Tripp, Charles" <Charles.Tripp@ncdps.gov>
Subject: FW: Hatteras Island situation

See below from Dare County EM in reference to their current posture for the Hatteras Island power outage. I will provide updates as made available.

Regards,

Brian Parnell

Brian Parnell

Area 1 Coordinator

DPR 1 Executive Director

Eastern Branch Office

NC Division of Emergency Management

Department of Public Safety

3802 Highway 58 North, Suite B

Kinston, NC 28502

Mobile: 252-340-6325

Home Office: 252-336-2716

24-Hour Ops Center: 1-800-858-0368

brian.parnell@ncdps.gov

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From: Drew Pearson [drew.pearson@darenc.com]

Sent: Thursday, July 27, 2017 1:13 PM

To: Parnell, Brian

Subject: Re: Hatteras Island situation

Cape Hatteras Electric Cooperative has brought their Buxton plant online and has restored limited service to portions of Hatteras Island. They are bringing in large commercial generators to attach to their grid and restore some level of service. They anticipate 2 arriving today and 8 more tomorrow,

We are working to ensure resident needs are met especially with our special needs population., All in our registry have been contacted and 2 are being managed by our DSS staff. We currently are able to make water and deliver public safety services. We are looking at generator capacity at our critical facilities and don't have any shortcomings at this time. We believe our generator fuel needs can be fulfilled by normal providers at this time.

At this time we haven't identified any needs and are not anticipating any emergency declaration but that could change depending on the duration of the service disruption..

Drew Pearson, CEM

Director

Dare County Emergency Management

P.O. Box 1000, Manteo, NC 27954

252.475.5897 phone

252.216.6012 mobile

www.darenc.com <<http://www.darenc.com/>>

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On Thu, Jul 27, 2017 at 12:51 PM, Parnell, Brian <Brian.Parnell@ncdps.gov> wrote:

Drew,

NCEM Infrastructure in Raleigh is getting updates on the situation on Hatteras and Ocracoke with the power outage. What plans does Dare County have, if any, to assist the citizens? Do you foresee any resource needs from NCEM or even surrounding counties?

Thanks for the phone call this morning. Please continue to update me with any needs for Dare County as much as possible and as soon as possible.

Regards,

Brian Parnell

Brian Parnell

Area 1 Coordinator

DPR 1 Executive Director

Eastern Branch Office

NC Division of Emergency Management

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RE: Electric Membership transmission outage update--Thursday, 4PM

From: Carla.Bissette@ncdps.gov
To: Steve.Davis@ncdps.gov
Sent: July 27, 2017 5:49:48 PM EDT
Received: July 27, 2017 5:49:49 PM EDT

do you have updated power outage numbers?

Carla S. Bissette

WebEOC Administrator

carla.bissette@ncdps.gov

office-919-825-2357

mobile-252-206-6175

EOC 919-825-2401 or 919-825-2402

<<http://www.readync.org/>>

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From: Davis,Steve
Sent: Thursday, July 27, 2017 5:49 PM
To: Bissette, Carla; Welker, Greg
Subject: FW: Electric Membership transmission outage update--Thursday, 4PM

FYI...

From: Davis,Steve
Sent: Thursday, July 27, 2017 5:48 PM
To: Mike Sprayberry; WRIGHT, Joe; DANIKSA, Mike
Cc: CURTIS, Dianne; BROWN, Todd; Weavil, Gregory; Johnson, Corey; DAVIS, Oscar; CAMERON, Abby; Barnes, Brian; Pulley, Wendy; Wendelgass, Tommy; Webster, Katie; Thomas, Diana; Kalbaugh, Kevin; DUNCAN, Russell; HOTCHKISS, Nelle; Rouse, Jay (jay.rouse@ncemcs.com); Payne-Hurley, Persia; POWERS, Steve; COOK, Mike; GARRETT, Steven; STACEY, Bobbitt
Subject: Electric Membership transmission outage update--Thursday, 4PM

Joe,

Here is the update, for Thursday afternoon, you requested on the Electric Membership Corp's transmission fault/outage along the Bonner Bridge in Dare County—

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- Additional update notes provided by Oscar Davis
- Event opened in SPARTA—20170727 Outer Banks Power Outage
- Scheduled 10AM, Friday, conference call for additional updates

Call me if you have questions, or need additional information.

Steven F. Davis

Infrastructure Manager

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RE: Electric Membership transmission outage update--Thursday, 4PM

From: Steve.Davis@ncdps.gov
To: Carla.Bissette@ncdps.gov
Sent: July 27, 2017 5:50:29 PM EDT
Received: July 27, 2017 5:50:30 PM EDT

Carla,

Hey. Not yet. Still waiting for Nelle to call me back.

Thanks,

Steve

From: Bissette, Carla
Sent: Thursday, July 27, 2017 5:50 PM
To: Davis, Steve
Subject: RE: Electric Membership transmission outage update--Thursday, 4PM

do you have updated power outage numbers?

Carla S. Bissette

WebEOC Administrator

carla.bissette@ncdps.gov

office-919-825-2357

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From: Davis, Steve
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FYI... <<http://www.readync.org/>>

<<http://www.readync.org/>>

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Cc: CURTIS, Dianne; BROWN, Todd; Weavil, Gregory; Johnson, Corey; DAVIS, Oscar; CAMERON, Abby; Barnes, Brian; Pulley, Wendy; Wendelgass, Tommy; Webster, Katie; Thomas, Diana; Kalbaugh, Kevin; DUNCAN, Russell; HOTCHKISS, Nelle; Rouse, Jay (jay.rouse@ncemcs.com); Payne-Hurley, Persia; POWERS, Steve; COOK, Mike; GARRETT, Steven; STACEY, Bobbitt

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<<http://www.readync.org/>>

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Call me if you have questions, or need additional information. <<http://www.readync.org/>>

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<<http://www.readync.org/>>

Steven F. Davis <<http://www.readync.org/>>

Infrastructure Manager <<http://www.readync.org/>>

NC Department of Public Safety <<http://www.readync.org/>>

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Steve.Davis@ncdps.gov <<http://www.readync.org/>>

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Re: Electric Membership transmission outage update--Thursday, 4PM

From: Abby.Cameron@ncdps.gov
To: Steve.Davis@ncdps.gov
Sent: July 27, 2017 5:51:12 PM EDT
Received: July 27, 2017 5:51:13 PM EDT
Attachments: image003.png

Thank you Steve. Nice job!!!!

Abby Cameron
Human Services Manager
North Carolina Emergency Management
919-825-2327 office
919-215-4954 cell

Sent from my iPhone

On Jul 27, 2017, at 5:48 PM, Davis, Steve <Steve.Davis@ncdps.gov> wrote:

Joe,

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Call me if you have questions, or need additional information.

Steven F. Davis

Infrastructure Manager

NC Department of Public Safety

Division of Emergency Management

1636 Gold Star Drive

4236 Mail Service Center

Raleigh, NC 27607-4236

(919) 825-2309, Office

(919) 825-2428, NC Emergency Operations Center

Steve.Davis@ncdps.gov

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Attachment #1

image003.png

Image



Power outage update

From: Steve.Davis@ncdps.gov
To: nelle.hotchkiss@ncemcs.com
Sent: July 27, 2017 5:51:47 PM EDT
Received: July 27, 2017 5:51:47 PM EDT

Nelle,

Hey. Can you give me an estimate of the number of customers without power by county impacted by this event. Have to update webEOC power outage board.

Thanks,

Steve

Steven F. Davis

Infrastructure Manager

NC Department of Public Safety

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From: Steve.Davis@ncdps.gov
To: Abby.Cameron@ncdps.gov
Sent: July 27, 2017 5:52:21 PM EDT
Received: July 27, 2017 5:52:22 PM EDT

Abby,

Thanks.

Steve

From: Cameron, Abby
Sent: Thursday, July 27, 2017 5:51 PM
To: Davis, Steve
Subject: Re: Electric Membership transmission outage update--Thursday, 4PM

Thank you Steve. Nice job!!!!

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Human Services Manager

North Carolina Emergency Management

919-825-2327 office

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From: Steve.Davis@ncdps.gov
To: dmjohnson11@ncdot.gov, jlkellen@ncdot.gov, emcgraw@ncdot.gov
Sent: July 27, 2017 5:54:30 PM EDT
Received: July 27, 2017 5:54:30 PM EDT

FYI...

Thanks,

Steve

From: Davis, Steve
Sent: Thursday, July 27, 2017 5:48 PM
To:
Cc:
Subject: Electric Membership transmission outage update--Thursday, 4PM

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Re: Power outage update

From: Hotchkiss, Nelle <nelle.hotchkiss@ncemcs.com>
To: Davis, Steve <Steve.Davis@ncdps.gov>
Cc: Rouse, Jay <jay.rouse@ncemcs.com>
Sent: July 27, 2017 6:12:16 PM EDT
Received: July 27, 2017 6:12:34 PM EDT
Attachments: image003.png

Still waiting on waivers!

7700 in Dare Co.
1327 in Hyde co.

Rotation of feeders in lower Hatteras at this time.

Ocracoke and North end of Hatteras is dark.

Sent from my iPhone

On Jul 27, 2017, at 5:52 PM, Davis, Steve <Steve.Davis@ncdps.gov> wrote:

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Nelle,

Hey. Can you give me an estimate of the number of customers without power by county impacted by this event. Have to update webEOC power outage board.

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Attachment #1

image003.png

Image



Re: Power outage update

From: Steve.Davis@ncdps.gov
To: nelle.hotchkiss@ncemcs.com
Sent: July 27, 2017 7:03:26 PM EDT
Received: July 27, 2017 7:03:26 PM EDT

Thanks,

Steve

Sent from my iPhone

On Jul 27, 2017, at 6:12 PM, Hotchkiss, Nelle <nelle.hotchkiss@ncemcs.com> wrote:

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Fwd: Power outage update

From: Steve.Davis@ncdps.gov
To: Carla.Bissette@ncdps.gov
Sent: July 27, 2017 7:04:46 PM EDT
Received: July 27, 2017 7:04:46 PM EDT

Sent from my iPhone

Begin forwarded message:

From: "Hotchkiss, Nelle" <nelle.hotchkiss@ncemcs.com>
Date: July 27, 2017 at 6:12:16 PM EDT
To: "Davis, Steve" <Steve.Davis@ncdps.gov>
Cc: "Rouse, Jay" <jay.rouse@ncemcs.com>
Subject: Re: Power outage update

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Fwd: Electric Membership transmission outage update--Thursday, 4PM

From: Steve.Davis@ncdps.gov
To: Kenneth.Waldroup@raleighnc.gov
Sent: July 27, 2017 8:34:00 PM EDT
Received: July 27, 2017 8:34:01 PM EDT

Kenny. Hey. Here is the 4PM update on the Coop transmission outage.

Thanks,
Steve

Sent from my iPhone

Begin forwarded message:

From: "Davis,Steve" <Steve.Davis@ncdps.gov>
Date: July 27, 2017 at 5:48:12 PM EDT
To: "Sprayberry, Mike" <Mike.Sprayberry@ncdps.gov>, "Wright, Joe" <Joe.Wright@ncdps.gov>, "Daniska, Mike" <Mike.Daniska@ncdps.gov>
Cc: "Curtis, Dianne" <Dianne.Curtis@ncdps.gov>, "Brown,Todd" <Todd.Brown@ncdps.gov>, "Weavil, Gregory" <Gregory.Weavil@ncdps.gov>, "Johnson, Corey" <Corey.Johnson@ncdps.gov>, "Davis, Oscar" <Oscar.Davis@ncdps.gov>, "Cameron, Abby" <Abby.Cameron@ncdps.gov>, "Barnes, Brian" <Brian.Barnes@ncdps.gov>, "Pulley, Wendy" <Wendy.Pulley@ncdps.gov>, "Wendelgass, Tommy" <Tommy.Wendelgass@ncdps.gov>, "Webster, Katie" <Katie.Webster@ncdps.gov>, "Thomas, Diana" <Diana.Thomas@ncdps.gov>, "Kalbaugh, Kevin" <Kevin.Kalbaugh@ncdps.gov>, "Duncan, Russell" <Russell.Duncan@ncdenr.gov>, "Hotchkiss, Nelle" <nelle.hotchkiss@ncemcs.com>, "Rouse, Jay" <jay.rouse@ncemcs.com>, "Payne-Hurley, Persia" <Persia.Payne-Hurley@ncdps.gov>, "Powers, Steve" <Steve.Powers@ncdps.gov>, "Cook, Mike" <Mike.Cook@ncdps.gov>, "Garrett, Steve" <Steve.Garrett@ncdps.gov>, "Bobbitt, Stacey" <Stacey.Bobbitt@ncdps.gov>
Subject:Electric Membership transmission outage update--Thursday, 4PM

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--Additional generation needed for Avon area

--Confirmed 2 2MW generator from Gregory Pool deployed to Avon

--Secured 11 generators—2 from Raleigh (arrived), 3 from SC, and 5 from FL

--Additional transformers and mobile substation unit provided to create micro grid on Hatteras and Ocracoke

--Working with NCEM and Division of Highways to secure permits for generator transport from FL

--Must coordinate passage of generators over Bonner Bridge with traffic control measures and direction from DOT engineer

--Electric Membership working with local emergency management to resolve and mitigate impact of outage—local emergency managers updated/conference call with local EMC at 11AM

- Best source of information for local emergency management is from local distribution cooperative
- No unmet needs identified by impacted counties
- Expect limited resource request from impacted counties—traffic control, waiver assistance
- Electric Membership Corp notified and update Governor's office of incident—provided NCEM update information since Governor's update
- Electric Membership Corporation responded to similar outage situations in area on previous occasions
- Additional update notes provided by Oscar Davis
- Event opened in SPARTA—20170727 Outer Banks Power Outage
- Scheduled 10AM, Friday, conference call for additional updates

Call me if you have questions, or need additional information.

Steven F. Davis

Infrastructure Manager

NC Department of Public Safety

Division of Emergency Management

1636 Gold Star Drive

4236 Mail Service Center

Raleigh, NC 27607-4236

(919) 825-2309, Office

(919) 825-2428, NC Emergency Operations Center

Steve.Davis@ncdps.gov

ncdps.gov <<http://www.ncdps.gov/>>

<image003.png> <<http://www.readync.org/>>

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can you update the power outage board today? thx!!!!

From: Carla.Bissette@ncdps.gov
To: Steve.Davis@ncdps.gov
Sent: July 28, 2017 8:54:26 AM EDT
Received: July 28, 2017 8:54:26 AM EDT

Carla S. Bissette

WebEOC Administrator

carla.bissette@ncdps.gov

office-919-825-2357

mobile-252-206-6175

EOC 919-825-2401 or 919-825-2402

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EMC transmission outage for Outer Banks (Dare County and Hyde County)

From: Steve.Davis@ncdps.gov
To: cathy.brittingham@ncdenr.gov, Russell.duncan@ncdenr.gov, rebecca.sadosky@ncdenr.gov, robert.midgette@ncdenr.gov, jessica.godreau@ncdenr.gov, jjessup@ncpga.org, nelle.hotchkiss@ncemcs.com, jay.rouse@ncemcs.com, jlkellen@ncdot.gov, emcgraw@ncdot.gov, [REDACTED], [REDACTED], Darryl.Aspey@dhs.gov, hapaul@ncdot.gov, Marilyn.Carrington@nccourts.org, Morgan.Naleimaile@nccourts.org, Clint.stone@ole.tsa.dhs.gov, ken.macdonald@dhs.gov, kmvollert@ncdot.gov, Shane.Cook@ncdenr.gov, bill.denton@ncdenr.gov, deborah.aja@ncdenr.gov, jason.watkins@ncdenr.gov, lexim@ncrma.org, elizabethr@ncrma.org, David.Tsai@duke-energy.com, Heather.Minter@duke-energy.com, Brian.Franklin@duke-energy.com, steve.lewis@ncdenr.gov, George.kangkolo@ncdenr.gov, mike.reid@ncdenr.gov, woodward@nctia.org, jedixon@ncdot.gov, pam.pekrun@dom.com, louis@nc811.org, kenneth.b.taylor@ncdenr.gov, janelle.M.Mavis@usace.army.mil, andrew.hammonds@ncdenr.gov, Robert.Mielish@hq.dhs.gov, Kenneth.Waldroup@raleighnc.gov, 'tony.gallagher@ncdenr.gov', tmontanez@ncdot.gov, clarice.wilson@electricities.com, mega.dashbold@ncdenr.gov, yasharif@ncdenr.gov, boyd.devane@ncdenr.gov, erica.robinson@ncdenr.gov, daniel.kang@ncdenr.gov, rdsmock1@ncdot.gov, drtim@ncdot.gov, McGowanD@api.org, Nolan.Fry@raleighnc.gov, [REDACTED], MJCarroll@uspis.gov, Jason.Waters@raleighnc.gov, eric.hatcher@cfpua.org, johnnyspencer@tyrrellcounty.net, Anna.Hamlett@williams.com, Star.Hodge@ncdenr.gov, dmjohnson11@ncdot.gov, kwells@ncdot.gov
Cc: Oscar.Davis@ncdps.gov, Todd.Brown@ncdps.gov, Tommy.Wendelgass@ncdps.gov, Stacey.Bobbitt@ncdps.gov
Sent: July 28, 2017 12:03:52 PM EDT
Received: July 28, 2017 12:03:53 PM EDT

FYI...SPARTA event (20170727 Outer Banks Power Outage) opened for extended power outage on Hatteras Island and Ocracoke Island. Login to SPARTA for situational awareness and other information. Call me if you have any questions.

Thanks,

Steve

Steven F. Davis

Infrastructure Manager

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RE: EMC transmission outage for Outer Banks (Dare County and Hyde County)

From: Aspey, Darryl <darryl.aspey@HQ.DHS.GOV>
To: Davis, Steve <Steve.Davis@ncdps.gov>
Sent: July 28, 2017 12:05:07 PM EDT
Received: July 28, 2017 12:05:47 PM EDT

Thank you Steve!

Regards,

Darryl

From: Davis, Steve [mailto:Steve.Davis@ncdps.gov]
Sent: Friday, July 28, 2017 12:04 PM
To: Brittingham, Cathy (cathy.brittingham@ncdenr.gov); Duncan, Russell; Sadosky, Rebecca; Midgette, Bob; Godreau, Jessica; JESSUP, John; Hotchkiss, Nelle; Rouse, Jay; Kellen, Joshua L.; MCGRAW, Emily; Korb, Ronald E [REDACTED]; Patterson, Keith; Aspey, Darryl; Paul, Allan; Marilyn.Carrington@nccourts.org; Morgan.Naleimaile@nccourts.org; Clint.stone@ole.tsa.dhs.gov; Macdonald, Kenneth; Vollert, Kathy M (kmvollert@ncdot.gov); Shane.Cook@ncdenr.gov; Bill Denton ; deborah.aja@ncdenr.gov; Watkins, Jason; MORGAN, Lexi; Robinson, Elizabeth; TSAI, David; MINTER, Heather; Brian.Franklin@duke-energy.com; Lewis, Steve; Kangkolo, George; Reid, Mike; Carole Woodward; 'jedixon@ncdot.gov'; PEKRUN, Pam; PANZER, Louis; Taylor, Dr. Kenneth; janelle.M.Mavis@usace.army.mil; Hammonds, Andrew; Mielish, Robert; Waldroup, Kenneth; 'tony.gallagher@ncdenr.gov'; tmontanez@ncdot.gov; Wilson, Clarice; Dashbold, Mega (mega.dashbold@ncdenr.gov); yasharif@ncdenr.gov; boyd.devane@ncdenr.gov; erica.robinson@ncdenr.gov; daniel.kang@ncdenr.gov; Smock, Roger D; drtim@ncdot.gov; McGowan, David; Nolan.Fry@raleighnc.gov; [REDACTED]; Carroll, Michael; Waters, Jason (Jason.Waters@raleighnc.gov); Hatcher, Eric; johnnyspencer@tyrrellcounty.net; Hamlett, Anna (Anna.Hamlett@williams.com); 'Star.Hodge@ncdenr.gov'; dmjohnson11@ncdot.gov; Wells, Kelly
Cc: Davis, Oscar; Brown, Todd; Wendelgass, Tommy; Bobbitt, Stacey
Subject: EMC transmission outage for Outer Banks (Dare County and Hyde County)

FYI...SPARTA event (20170727 Outer Banks Power Outage) opened for extended power outage on Hatteras Island and Ocracoke Island. Login to SPARTA for situational awareness and other information. Call me if you have any questions.

Thanks,

Steve

Steven F. Davis

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FW: Electric Membership transmission outage update--Thursday, 4PM

From: Steve.Davis@ncdps.gov
To: Darryl.Aspey@dhs.gov
Sent: July 28, 2017 12:07:05 PM EDT
Received: July 28, 2017 12:07:05 PM EDT

Darryl,

Hey. Here is the update from yesterday.

Thanks,

Steve

From: Davis, Steve
Sent: Thursday, July 27, 2017 5:48 PM
To: Mike Sprayberry; WRIGHT, Joe; DANIKSA, Mike
Cc: CURTIS, Dianne; BROWN, Todd; Weavil, Gregory; Johnson, Corey; DAVIS, Oscar; CAMERON, Abby; Barnes, Brian; Pulley, Wendy; Wendelgass, Tommy; Webster, Katie; Thomas, Diana; Kalbaugh, Kevin; DUNCAN, Russell; HOTCHKISS, Nelle; Rouse, Jay (jay.rouse@ncemcs.com); Payne-Hurley, Persia; POWERS, Steve; COOK, Mike; GARRETT, Steven; STACEY, Bobbitt
Subject: Electric Membership transmission outage update--Thursday, 4PM

Joe,

Here is the update, for Thursday afternoon, you requested on the Electric Membership Corp's transmission fault/outage along the Bonner Bridge in Dare County—

--Conference call (4PM) with NC Electric Membership Corp: Nelle Hotchkiss, Jay Rouse, and Lee Ragsdale, to provide update on transmission outage

--Transmission fault occurred July 27th, between 4AM and 4:30AM, along Bonner Bridge in Dare County—no known injuries

--Contractor repairing Bonner Bridge damaged EMC transmission cable—extent of damage unknown

--Transmission line generally provides 50 MW load to service area

--Service area from Bonner Bridge, at Oregon Inlet, to Cape Hatteras, to Ocracoke without power

--No estimate on customer without power restoration

--ETOR not possible until assessment from specialty restoration contractor

--Specialty restoration contractor crew expected to arrive today—ETOR by tomorrow

--EMC personnel from Raleigh deployed to operate permanent generation in Buxton and Ocracoke

--Cape Hatteras EMC micro grid power assets online

--Cape Hatteras backup generation will provide 18 MW (normal load 50MW) between Cape Hatteras and Ocracoke

--Curtailment and feeder rotation in effect upon load generation on Ocracoke—2 hours with power, 4 hours without power

--All units (5) operating at Buxton (12MW)

--Unit at Ocracoke online this morning but tripped off this afternoon due to mechanical issues

--Repair crew enroute or on scene to assess repair needs

--Micro grid batteries at Ocracoke helping to maintain load at Buxton

--Using micro grid to control and conserve energy consumption on Ocracoke

--Temporary generators expected to arrive tomorrow for Ocracoke load

--May be able to serve some load on Ocracoke, overnight, from Buxton

--Current priority is to get mobile generators to Hatteras—two generator units arrived, 3pm, today

--Engineers on scene to assist with repair of transmission line, and generation at Hatteras and Ocracoke

--Power for small appliances, television, and some indoor lighting

--Expect extended outage event—multiple days of service curtailment and feeder rotation

--Additional generation needed for Avon area

--Confirmed 2 2MW generator from Gregory Pool deployed to Avon

--Secured 11 generators—2 from Raleigh (arrived), 3 from SC, and 5 from FL

--Additional transformers and mobile substation unit provided to create micro grid on Hatteras and Ocracoke

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--Electric Membership working with local emergency management to resolve and mitigate impact of outage—local emergency managers updated/conference call with local EMC at 11AM

--Best source of information for local emergency management is from local distribution cooperative

--No unmet needs identified by impacted counties

--Expect limited resource request from impacted counties—traffic control, waiver assistance

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--Electric Membership Corporation responded to similar outage situations in area on previous occasions

--Additional update notes provided by Oscar Davis

--Event opened in SPARTA—20170727 Outer Banks Power Outage

--Scheduled 10AM, Friday, conference call for additional updates

Call me if you have questions, or need additional information.

Steven F. Davis

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RE: power outage board

From: Carla.Bissette@ncdps.gov
To: Steve.Davis@ncdps.gov
Sent: July 31, 2017 8:53:04 AM EDT
Received: July 31, 2017 8:53:05 AM EDT

have you been updating it and it's not showing updates?

Carla S. Bissette

WebEOC Administrator

carla.bissette@ncdps.gov

office-919-825-2357

mobile-252-206-6175

EOC 919-825-2401 or 919-825-2402

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From: Davis, Steve
Sent: Saturday, July 29, 2017 10:23 AM
To: Bissette, Carla
Subject: power outage board

Carla,

Hey. Is the power outage board working in SPARTA?

Thanks,
Steve

Steven F. Davis
Infrastructure Manager
NC Department of Public Safety
Emergency Management
(919) 825-2309, Office
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you won't live any life at all."

James Baldwin

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FW: power outage board

From: Carla.Bissette@ncdps.gov
To: Greg.Welker@ncdps.gov
Sent: July 31, 2017 9:51:43 AM EDT
Received: July 31, 2017 9:51:44 AM EDT

what's the logic on the power outage board, if Steve updates data and the board refreshes every 15 minutes does it overwrite what he's entered?

Carla S. Bissette

WebEOC Administrator

carla.bissette@ncdps.gov

office-919-825-2357

mobile-252-206-6175

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From: Davis, Steve
Sent: Monday, July 31, 2017 9:33 AM
To: Bissette, Carla
Subject: RE: power outage board

Carla,

Hey. I tried to update it on Friday and Saturday. But I couldn't. It kept resetting.

Thanks,

Steve

From: Bissette, Carla
Sent: Monday, July 31, 2017 8:53 AM
To: Davis, Steve
Subject: RE: power outage board

have you been updating it and it's not showing updates?

Carla S. Bissette

WebEOC Administrator

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<<http://www.readync.org/>>

From: Davis, Steve

Sent: Saturday, July 29, 2017 10:23 AM

To: Bissette, Carla

Subject: power outage board <<http://www.readync.org/>>

Carla, <<http://www.readync.org/>>

<<http://www.readync.org/>>

Hey. Is the power outage board working in SPARTA? <<http://www.readync.org/>>

<<http://www.readync.org/>>

Thanks, <<http://www.readync.org/>>

Steve <<http://www.readync.org/>>

<<http://www.readync.org/>>

_____ <<http://www.readync.org/>>

Steven F. Davis <<http://www.readync.org/>>

Infrastructure Manager <<http://www.readync.org/>>

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RE: power outage board

From: Greg.Welker@ncdps.gov
To: Carla.Bissette@ncdps.gov
Sent: July 31, 2017 11:31:01 AM EDT
Received: July 31, 2017 11:31:02 AM EDT

I just spoke to Steve.

Until I get the new Dominion service setup, I turned off the API that updates Dominion numbers.

Also Steve claimed that he couldn't update any numbers at all. But I logged in as the ISG Coordinator and put in Dominion's current numbers aswell Tideland's current numbers. Then I had him do the same. He didn't have any problem doing that.

(Just a hunch but I believe Steve was citing board problems as a reason for not putting in any numbers this weekend.)

Also Steve said he has assurances from a contact at the NCEMC corporation that they are going to do a statewide EMC feed for us before the end of the year. I asked him to send me contact information for that person because I am going to follow up with her. (Needless to say that would be awesome.)

Incidentally, I was driving by Triangle Town Mall on Saturday and noticed their HQ building. (It's just south of the mall on Capital Blvd.) I remember thinking if I could just get someone in there to create a statewide service that the Power Outage board would be solid. Weird.

Greg Welker

WebEOC Developer/Administrator

NCEM

919-825-2352

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From: Bissette, Carla
Sent: Monday, July 31, 2017 9:52 AM
To: Welker, Greg
Subject: FW: power outage board

what's the logic on the power outage board, if Steve updates data and the board refreshes every 15 minutes does it overwrite what he's entered?

Carla S. Bissette

WebEOC Administrator

carla.bissette@ncdps.gov

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<<http://www.readync.org/>>

From: Davis, Steve

Sent: Monday, July 31, 2017 9:33 AM

To: Bissette, Carla

Subject: RE: power outage board <<http://www.readync.org/>>

Carla, <<http://www.readync.org/>>

<<http://www.readync.org/>>

Hey. I tried to update it on Friday and Saturday. But I couldn't. It kept resetting. <<http://www.readync.org/>>

<<http://www.readync.org/>>

Thanks, <<http://www.readync.org/>>

Steve <<http://www.readync.org/>>

<<http://www.readync.org/>>

From: Bissette, Carla

Sent: Monday, July 31, 2017 8:53 AM

To: Davis, Steve

Subject: RE: power outage board <<http://www.readync.org/>>

<<http://www.readync.org/>>

have you been updating it and it's not showing updates? <<http://www.readync.org/>>

<<http://www.readync.org/>>

Carla S. Bissette <<http://www.readync.org/>>

WebEOC Administrator <<http://www.readync.org/>>

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<<http://www.readync.org/>>

From: Davis, Steve

Sent: Saturday, July 29, 2017 10:23 AM

To: Bissette, Carla

Subject: power outage board

Carla,

Hey. Is the power outage board working in SPARTA?

Thanks,

Steve

Steven F. Davis

Infrastructure Manager

NC Department of Public Safety

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you won't live any life at all."
James Baldwin

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RE: EMC Power outage feed

From: Steve.Davis@ncdps.gov
To: Carla.Bissette@ncdps.gov
Cc: Greg.Welker@ncdps.gov
Sent: July 31, 2017 3:22:49 PM EDT
Received: July 31, 2017 3:22:50 PM EDT

Carla,

Hey. Yes. I will give Nelle a call and ask her for a time to talk about the feed. It may be, at least, two or three weeks from now. She and Jay are on the OXB dealing with the power outage issue.

Thanks,

Steve

From: Bissette, Carla
Sent: Monday, July 31, 2017 3:18 PM
To: Davis, Steve
Cc: Welker, Greg
Subject: EMC Power outage feed

Steve,

Can we can meet with the EMC contact (can we be a webex/conf call) that's putting the power outage feed together? Just want to offer up help if they need it and/or want to ensure it's similar to how Duke and Dominion have their feed.

Thanks Steve!!

Carla S. Bissette

WebEOC Administrator

carla.bissette@ncdps.gov

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enforcement personnel, by an authorized state official.

DOT: TIMS - Special Alert Updated

From: tims notify <tims@ncdot.gov>
To: Undisclosed recipients
Sent: July 31, 2017 3:32:49 PM EDT
Received: July 31, 2017 3:33:59 PM EDT

The TIMS special Alert has been updated.
Outer Banks Power Outage

Visit ReadyNC.org for the latest information.

[Click here for Ferry Info.](#)

I-85 SOUTH CLOSED NEAR CHARLOTTE

I-85 South is closed near Kannapolis at Exit 58, US-29 due to a crash. The road is expected to reopen by 6:00 PM.

Last Updated: 7/31/17 3:32 PM

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DOT: TIMS - Special Alert Updated

From: tims notify <tims@ncdot.gov>
To: Undisclosed recipients
Sent: July 31, 2017 4:10:56 PM EDT
Received: July 31, 2017 4:11:54 PM EDT

The TIMS special Alert has been updated.
Outer Banks Power Outage

Visit ReadyNC.org for the latest information.

[Click here for Ferry Info.](#)

I-85 SOUTH CLOSED NEAR CHARLOTTE

I-85 South is closed near Kannapolis at Exit 58, US-29 due to a crash. The road is expected to reopen by 6:00 PM.

I-85 NORTH CLOSED NEAR VA STATE LINE

I-85 North is closed near the Virginia State Line at Exit 229, Oine Rd. due to a crash. The road is expected to reopen by 7:00 PM.

Last Updated: 7/31/17 4:10 PM

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DOT: TIMS - Special Alert Updated

From: tims notify <tims@ncdot.gov>
To: Undisclosed recipients
Sent: July 31, 2017 5:05:09 PM EDT
Received: July 31, 2017 5:06:21 PM EDT

The TIMS special Alert has been updated.

I-85 SOUTH CLOSED NEAR CHARLOTTE

I-85 South is closed near Kannapolis at Exit 58, US-29 due to a crash. The road is expected to reopen by 6:00 PM.

I-85 CLOSED NEAR VA STATE LINE

I-85 is closed in both directions near the Virginia State Line at Exit 229, Oine Rd. due to a crash. The road is expected to reopen by 7:00 PM.

OUTER BANKS POWER OUTAGE

Visit ReadyNC.org for the latest information.

[Click here](#) for Ferry Info.

Last Updated: 7/31/17 4:10 PM

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DOT: TIMS - Special Alert Updated

From: tims notify <tims@ncdot.gov>
To: Undisclosed recipients
Sent: July 31, 2017 5:05:33 PM EDT
Received: July 31, 2017 5:06:38 PM EDT

The TIMS special Alert has been updated.

I-85 SOUTH CLOSED NEAR CHARLOTTE

I-85 South is closed near Kannapolis at Exit 58, US-29 due to a crash. The road is expected to reopen by 6:00 PM.

I-85 CLOSED NEAR VA STATE LINE

I-85 is closed in both directions near the Virginia State Line at Exit 229, Oine Rd. due to a crash. The road is expected to reopen by 7:00 PM.

OUTER BANKS POWER OUTAGE

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Last Updated: 7/31/17 5:05 PM

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DOT: TIMS - Special Alert Updated

From: tims notify <tims@ncdot.gov>
To: Undisclosed recipients
Sent: July 31, 2017 5:27:58 PM EDT
Received: July 31, 2017 5:28:50 PM EDT

The TIMS special Alert has been updated.

I-85 SOUTH CLOSED NEAR CHARLOTTE

I-85 South is closed near Kannapolis at Exit 58, US-29 due to a crash. The road is expected to reopen by 7:30 PM.

I-85 CLOSED NEAR VA STATE LINE

I-85 is closed in both directions near the Virginia State Line at Exit 229, Oine Rd. due to a crash. The road is expected to reopen by 7:00 PM.

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Last Updated: 7/31/17 5:27 PM

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DOT: TIMS - Special Alert Updated

From: tims notify <tims@ncdot.gov>
To: Undisclosed recipients
Sent: July 31, 2017 5:38:16 PM EDT
Received: July 31, 2017 5:41:05 PM EDT

The TIMS special Alert has been updated.

I-85 SOUTH CLOSED NEAR CHARLOTTE

I-85 South is closed near Kannapolis at Exit 58, US-29 due to a crash. The road is expected to reopen by 7:30 PM.

I-85 NORTH CLOSED NEAR VA STATE LINE

I-85 North is closed near the Virginia State Line at Exit 226, Oine Rd. due to a crash. The road is expected to reopen by 8:00 PM.

OUTER BANKS POWER OUTAGE

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[Click here](#) for Ferry Info.

Last Updated: 7/31/17 5:37 PM

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DOT: TIMS - Special Alert Updated

From: tims notify <tims@ncdot.gov>
To: Undisclosed recipients
Sent: July 31, 2017 5:39:41 PM EDT
Received: July 31, 2017 5:41:20 PM EDT

The TIMS special Alert has been updated.

I-85 SOUTH CLOSED NEAR CHARLOTTE

I-85 South is closed near Kannapolis at Exit 58, US-29 due to a crash. The road is expected to reopen by 7:30 PM.

I-85 NORTH CLOSED NEAR VA STATE LINE

I-85 North is closed near the Virginia State Line at Exit 226, Ridgeway-Drewry Rd. due to a crash. The road is expected to reopen by 8:00 PM.

OUTER BANKS POWER OUTAGE

Visit ReadyNC.org for the latest information.

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Last Updated: 7/31/17 5:37 PM

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DOT: TIMS - Special Alert Updated

From: tims notify <tims@ncdot.gov>
To: Undisclosed recipients
Sent: July 31, 2017 5:52:01 PM EDT
Received: July 31, 2017 5:52:40 PM EDT

The TIMS special Alert has been updated.

I-85 SOUTH REOPENED NEAR CHARLOTTE: CONGESTION REMAINS

All lanes of I-85 South have reopened following an earlier crash near Kannapolis at Exit 58, US-29. However, 10 miles of congestion remains in the area.

I-85 NORTH CLOSED NEAR VA STATE LINE

I-85 North is closed near the Virginia State Line at Exit 226, Ridgeway-Drewry Rd. due to a crash. The road is expected to reopen by 8:00 PM.

OUTER BANKS POWER OUTAGE

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DOT: TIMS - Special Alert Updated

From: tims notify <tims@ncdot.gov>
To: Undisclosed recipients
Sent: July 31, 2017 6:04:22 PM EDT
Received: July 31, 2017 6:05:32 PM EDT

The TIMS special Alert has been updated.

I-85 SOUTH REOPENED NEAR CHARLOTTE: CONGESTION REMAINS

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I-85 NORTH REOPENED NEAR VA STATE LINE: NO CONGESTION REMAINS

I-85 North has reopened near the Virginia State Line at Exit 226, Ridgeway-Drewry Rd. Travel conditions in the area have returned to normal.

OUTER BANKS POWER OUTAGE

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DOT: TIMS - Special Alert Updated

From: tims notify <tims@ncdot.gov>
To: Undisclosed recipients
Sent: July 31, 2017 6:07:17 PM EDT
Received: July 31, 2017 6:08:07 PM EDT

The TIMS special Alert has been updated.

I-85 SOUTH REOPENED NEAR CHARLOTTE: CONGESTION REMAINS

All lanes of I-85 South have reopened following an earlier crash near Kannapolis at Exit 58, US-29. However, 10 miles of congestion remains in the area.

I-85 NORTH REOPENED NEAR VA STATE LINE: NO CONGESTION REMAINS

I-85 North has reopened near the Virginia State Line at Exit 226, Ridgeway-Drewry Rd. Travel conditions in the area have returned to normal.

OUTER BANKS POWER OUTAGE

Visit ReadyNC.org for the latest information.

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DOT: TIMS - Special Alert Updated

From: tims notify <tims@ncdot.gov>
To: Undisclosed recipients
Sent: July 31, 2017 6:11:02 PM EDT
Received: July 31, 2017 6:12:45 PM EDT

The TIMS special Alert has been updated.

I-85 SOUTH REOPENED NEAR CHARLOTTE: CONGESTION REMAINS

All lanes of I-85 South have reopened following an earlier crash near Kannapolis at Exit 58, US-29. However, 10 miles of congestion remains in the area.

I-85 NORTH REOPENED NEAR VA STATE LINE: NO CONGESTION REMAINS

I-85 North has reopened near the Virginia State Line at Exit 226, Ridgeway-Drewry Rd. Travel conditions in the area have returned to normal.

OUTER BANKS POWER OUTAGE

Visit ReadyNC.org for the latest information.
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DOT: TIMS - Special Alert Updated

From: tims notify <tims@ncdot.gov>
To: Undisclosed recipients
Sent: July 31, 2017 7:05:25 PM EDT
Received: August 1, 2017 12:02:02 AM EDT

The TIMS special Alert has been updated.

I-85 SOUTH REOPENED NEAR CHARLOTTE: CONGESTION REMAINS

All lanes of I-85 South have reopened following an earlier crash near Kannapolis at Exit 58, US-29. However, 10 miles of congestion remains in the area.

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DOT: TIMS - Special Alert Updated

From: tims notify <tims@ncdot.gov>
To: Undisclosed recipients
Sent: July 31, 2017 7:08:52 PM EDT
Received: July 31, 2017 7:09:53 PM EDT

The TIMS special Alert has been updated.

I-85 SOUTH REOPENED NEAR CHARLOTTE:

All lanes of I-85 South have reopened following an earlier crash near Kannapolis at Exit 58, US-29. Travel conditions in the area have returned to normal.

OUTER BANKS POWER OUTAGE

Visit ReadyNC.org for the latest information.

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DOT: TIMS - Special Alert Updated

From: tims notify <tims@ncdot.gov>
To: Undisclosed recipients
Sent: July 31, 2017 7:12:16 PM EDT
Received: July 31, 2017 7:13:17 PM EDT

The TIMS special Alert has been updated.

I-85 SOUTH REOPENED NEAR CHARLOTTE:

All lanes of I-85 South have reopened following an earlier crash near Kannapolis at Exit 58, US-29. Travel conditions in the area have returned to normal.

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DOT: TIMS - Special Alert Updated

From: tims notify <tims@ncdot.gov>
To: Undisclosed recipients
Sent: July 31, 2017 8:19:16 PM EDT
Received: July 31, 2017 8:20:26 PM EDT

The TIMS special Alert has been updated.

OUTER BANKS POWER OUTAGE

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FW: FYSA on coordination re: Power Outage Ocracoke and Hatteras Islands, NC

From: Persia.Payne-Hurley@ncdps.gov
To: Steve.Davis@ncdps.gov
Sent: August 1, 2017 2:30:42 PM EDT
Received: August 1, 2017 2:30:43 PM EDT
Attachments: Power Outage Ocracoke and Hatteras Islands NC.pdf

Hey Steve,

Do you know this is going out?

Persia

From: Strouse, Philip [mailto:Philip.Strouse@fema.dhs.gov]
Sent: Tuesday, August 01, 2017 11:34 AM
To: Payne-Hurley, Persia
Subject: FYSA on coordination re: Power Outage Ocracoke and Hatteras Islands, NC

Persia,

I saw the following and wanted to ensure you were aware of the highlighted area below – just to ensure there's no duplication of effort between what DHS Infrastructure Protection is doing for its stakeholders and your re-entry program.

Protective Security Advisor Robert "Bob" Mielish (Robert.mielish@hq.dhs.gov) should be in the know and hopefully can provide any clarification that's needed.

Phil Strouse

FEMA Region IV External Affairs

Stakeholder Relations Team Lead

770-220-5249 | philip.strouse@fema.dhs.gov

From: NCC
Sent: Tuesday, August 01, 2017 11:01 AM
To: NCC <NCC@HQ.DHS.GOV>
Subject: FW: ACTION REQUESTED: Power Outage Ocracoke and Hatteras Islands, NC

Good Morning COMM-ISAC Industry Representatives and Government Partners,

The NCC Watch has received notification that the power restoration may take as long as two weeks. That being said, do you anticipate any fuel issues to keep generators running? Also, let the Watch know if you need access letters to get to any affected areas. Thanks.

Very respectfully,

NCC Watch

National Coordinating Center for Communications – COMM-ISAC

National Cybersecurity & Communications Integration Center

Department of Homeland Security

COMM/STE: (703) 235-5080

Fax: (703) 235-5078

Unclassified: ncc@hq.dhs.gov

[REDACTED]

JWICS: ncc@dhs.ic.gov

PRN

ACB (CTR)

From: NCC

Sent: Friday, July 28, 2017 12:46 PM

To: NCC <NCC@HQ.DHS.GOV>

Subject: ACTION REQUESTED: Power Outage Ocracoke and Hatteras Islands, NC

ACTION REQUESTED:

COMM-ISAC Industry Representatives and Government Partners,

Attached is the GIS analysis conducted on power outage in Ocracoke and Hatteras Islands in NC. Please let us know if you are experiencing any impacts, or need assistance.

The latest updates from the North Carolina Office of Emergency Management is as follows:

o Dare County

- Co-ops are working to get power load reduced across the islands
- Public safety services are currently powered [no issues]
- Not seeing any shortage of fuel from providers
- No credible reports of price gouging

o Hyde County

- Won't be able to handle high demand services even with temporary generators in place
- Hesitant to allow visitors back to island without mainland power

- Water/sewer service is good, no current issues
- Tideland EMC delivering fuel daily to the island
- 1,400 gallons fuel available for VIPER tower (don't expect fuel to be an issue for the tower site)
- Not aware of price gouging occurring
- Ocracoke airport available for use to get supplies to the island [if needed]

o NC Ferry Division

- No additional LEO support needed now, but if event prolongs additional support may be needed
- As of 0730 hrs 7/28/2017 – 1,173 people and 442 vehicles evacuated

o NC DOT

- Don't anticipate weight of incoming generators to be an issue crossing Bonner Bridge, but NCEM Infrastructure will double-check with co-ops to verify weight

Source & Updates:

<http://chec.coop/>

National Coordinating Center for Communications - COMM-ISAC

National Cybersecurity & Communications Integration Center

Department of Homeland Security

COMM/STE: (703) 235-5080

Fax: (703) 235-5078

Unclassified: ncc@hq.dhs.gov

JWICS: ncc@dhs.ic.gov

IE

ACB (CTR)

Distro: NCCIC, NCC Managers, Region IV Reps & Potentially Affected Organizations

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FW: Updated notes from NCEMC transmission outage conference call

From: Steve.Davis@ncdps.gov
To: Johnathan.Moon@ncdps.gov, Imani.West@ncdps.gov
Sent: August 4, 2017 11:55:03 AM EDT
Received: August 4, 2017 11:55:04 AM EDT

From: Davis, Steve
Sent: Thursday, July 27, 2017 1:17 PM
To: WRIGHT, Joe; Mike Sprayberry; DANIKSA, Mike; BROWN, Todd; HOTCHKISS, Nelle; Rouse, Jay (jay.rouse@ncemcs.com)
Cc: DAVIS, Oscar; Wendelgass, Tommy; TANT, Chris; Johnson, Corey; Webster, Katie; Weavil, Gregory; DUNCAN, Russell; CURTIS, Dianne
Subject: Updated notes from NCEMC transmission outage conference call

Joe,

Here is the update you requested on the NC Electric Membership Corp's transmission fault/outage along the old Bonner Bridge in Dare County—

--Conference call with NC Electric Membership Corp: Nelle Hotchkiss, Jay Rouse, and Lee Ragsdale, to provide update on transmission outage event

--Transmission line fault occurred July 27th, at 4AM, along old Bonner Bridge in Dare County—no known injuries

--Transmission line general provides 50 MW load to service area

--Service area from Bonner Bridge, at Oregon Inlet, to Cape Hatteras to Ocracoke Island without power

--No estimate on customer without power restoration

--ETOR not possible until assessment from specialty restoration contractor—no ETA for repair crew

--Cape Hatteras EMC bringing microgrid power assets online—step-by-step process to prevent additional load failure

--Cape Hatteras backup generation will provide 18 MW (normal load 50MW)

--Curtailment and feeder rotation in effect for Ocracoke—2 hours with power, 4 hours without power

--Power for small appliances, television, and some indoor lighting

--Expect an extended outage event—multiple days of service curtailment and feeder rotation

--Additional generation needed for Avon area

--Confirmed 2 2MW generator from Gregory Pool deployed to Avon

--Electric Membership working with local emergency management to resolve and mitigate impact of outage—local emergency managers updated/conference call with local EMC at 11AM

--Expect limited resource request from impacted counties—traffic control, waiver assistance

--Electric Membership Corp notified and update Governor's office of incident—provided NCEM update information since Governor's update

--Electric Membership Corporation responded to similar outage situations in area on previous occasions

--Additional update notes provided by Oscar Davis

--Scheduled 4PM conference call for additional update

Call me if you have questions, or need additional information.

Steven F. Davis

Infrastructure Manager

NC Department of Public Safety

Division of Emergency Management

1636 Gold Star Drive

4236 Mail Service Center

Raleigh, NC 27607-4236

(919) 825-2309, Office

(919) 825-2428, NC Emergency Operations Center

Steve.Davis@ncdps.gov

ncdps.gov <<http://www.ncdps.gov/>>

<<http://www.readync.org/>>

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www.readync.org <<http://www.readync.org/>>

FW: EMC transmission outage in Dare County/Hyde County, Monday, 10AM, update

From: Steve.Davis@ncdps.gov
To: Johnathan.Moon@ncdps.gov, Imani.West@ncdps.gov
Sent: August 4, 2017 11:58:13 AM EDT
Received: August 4, 2017 11:58:13 AM EDT

From: Davis, Steve
Sent: Monday, July 31, 2017 2:04 PM
To: Sprayberry, Mike; Wright, Joe; Daniska, Mike; Polk, Will; Brown, Todd; HOTCHKISS, Nelle; Rouse, Jay; lee.ragsdale@ncemcs.com; Duncan, Russell
Cc: Curtis, Dianne; Davis, Oscar; Pulley, Wendy; Wendelgass, Tommy; Wisbey, Glenn; Weavil, Gregory; Webster, Katie; Cameron, Abby; Barnes, Brian; Payne-Hurley, Persia; Kellen, Joshua L.; MCGRAW, Emily; Tant, Chris; TSAI, David; Brian.Franklin@duke-energy.com; Aspey, Darryl; Wilson, Clarice; PEKRUN, Pam; PANZER, Louis; Waldroup, Kenneth; johnnyspencer@tyrrellcounty.net; 'jedixon@ncdot.gov'; dmjohnson11@ncdot.gov
Subject: EMC transmission outage in Dare County/Hyde County, Monday, 10AM, update

Electric Membership Corp's transmission fault/outage (Bonner Bridge) in Dare County and Hyde County, update for Monday, 7/31—

--Conference call (10AM) with Electric Membership Corp: Nelle Hotchkiss and Jay Rouse provide update on transmission outage

--Temporary power stable on Hatteras Island—9 (2 MW) generator units operating

--Temporary power stable on Ocracoke Island—2 (2 MW) generator units with 1 (1 MW) generator unit offline and placed in reserve

--Estimate 35MW load between Hatteras Island and Ocracoke Island

--6 of 9 (2 MW) generator units on Hatteras Island not working in grid mode—not able to sink to grid

--New engineering plan supply temporary generation for Hatteras Island from Avon substation syncing existing generation with Buxton plant

--Switching gear to sync existing generation expected to arrive late night to overnight, Monday, 7/31.

--New engineering plan provide more reliable and stable load (33 MW) for Hatteras Island within shorter timeframe

--Repair of permanent (3 MW) diesel generator unit on Ocracoke Island complete by Wednesday, COB, 8/2.

--Permanent (3 MW) diesel generator unit will provide additional MW to system and temporary generation on Ocracoke Island

--EMC not linking generation restoration on Ocracoke Island to generation restoration on Hatteras Island

--Generator units operating under severe conservation measures on Ocracoke Island and Hatteras Island

--EMC monitor load and generator maintenance around the clock on Hatteras Island and Ocracoke Island

- Crews continue to excavate area to reach transmission cables and determine extent and nature of damage
- Crews complete repair (splicing) of severed transmission cable
- Crews determine 2nd of 3rd transmission cable not damaged
- Crews expect to assess damage on 3rd transmission cable today, Monday, 7/31
- Manpower, equipment, and material on site (Bonner Bridge) for construction of overhead transmission line
- Estimate 1-to-2 week timeframe to complete overhead transmission line construction
- EMC aggressively pursue multiple options to resolve generation issue on Hatteras Island and Ocracoke Island
- Best option: permanent repair of damage transmission cables, or construction of overhead transmission lines, or additional option: temporary generation on Hatteras Island and Ocracoke Island
- Division of Emergency Management will troubleshoot hour of service issues (switching gear and other equipment)
- Dare County advise that visitor re-entry on Hatteras Island cannot occur until 33 MW of stable load is available
- Repair and restoration operations dependent on weather conditions on Hatteras Island and Ocracoke Island
- Anticipate no environmental concerns constructing overhead transmission lines
- Dare County and Hyde County—no unmet needs, other than return to economic normalcy
- State EOC not activated but key staff on immediate call-back
- Conference call scheduled for Monday, 7/31 at 4 PM—(919) 715-1909

Call me if you have questions, or need additional information.

Thanks,

Steve

Steven F. Davis

Infrastructure Manager

NC Department of Public Safety

Division of Emergency Management

1636 Gold Star Drive

4236 Mail Service Center

Raleigh, NC 27607-4236

(919) 825-2309, Office

(919) 825-2428, NC Emergency Operations Center

Steve.Davis@ncdps.gov

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<<http://www.readync.org/>>

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www.readync.org <<http://www.readync.org/>>

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From: Steve.Davis@ncdps.gov
To: Johnathan.Moon@ncdps.gov, Imani.West@ncdps.gov
Sent: August 4, 2017 11:58:27 AM EDT
Received: August 4, 2017 11:58:28 AM EDT

From: Davis, Steve
Sent: Monday, July 31, 2017 5:13 PM
To: Sprayberry, Mike; Wright, Joe; Daniska, Mike; Polk, Will; Brown, Todd; Hotchkiss, Nelle; Rouse, Jay; lee.ragsdale@ncemcs.com; Duncan, Russell
Cc: Curtis, Dianne; Davis, Oscar; Pulley, Wendy; Wendelgass, Tommy; Wisbey, Glenn; Weavil, Gregory; Webster, Katie; Cameron, Abby; Barnes, Brian; Payne-Hurley, Persia; Kellen, Joshua L.; MCGRAW, Emily; Tant, Chris; TSAI, David; Brian.Franklin@duke-energy.com; Aspey, Darryl; Wilson, Clarice; PEKRUN, Pam; PANZER, Louis; Waldroup, Kenneth; johnnyspencer@tyrrellcounty.net; 'jedixon@ncdot.gov'; dmjohnson11@ncdot.gov; GRANEY, Justin; GARRETT, Steven; STACEY, Bobbitt
Subject: EMC transmission outage in Dare County/Hyde County, Monday, 4PM, update

Please see Electric Membership Corp's transmission fault/outage (Bonner Bridge) in Dare County and Hyde County, update for, Monday, 7/31—

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- EMC monitor load and generator maintenance around the clock on Hatteras Island and Ocracoke Island
- Crews continue to excavate area to reach transmission cables and determine extent and nature of damage
- Crews complete repair (splicing) of severed transmission cable
- Crews determine 2nd of 3rd transmission cable not damaged
- Crews expect to assess damage on 3rd transmission cable today, Monday, 7/31
- Crews found fault (fault locator) on 3rd, still buried, transmission cable
- Crews ready to repair (splice) 3rd transmission cable upon excavation
- Crews carefully excavating site for 3rd transmission cable (significant dewatering needed/safety)
- Manpower, equipment, and material on site (Bonner Bridge) for construction of overhead transmission line
- Crews setting poles for overhead transmission line
- Estimate 1-to-2 week timeframe to complete overhead transmission line
- EMC aggressively pursue multiple options to resolve generation issue on Hatteras Island and Ocracoke Island
- Best option: permanent repair of damage transmission cables, or construction of overhead transmission line, or additional option: temporary generation on Hatteras Island and Ocracoke Island
- Division of Emergency Management troubleshoot hour of service issues (switching gear and other equipment)
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- Anticipate no environmental concerns constructing overhead transmission line
- Dare County and Hyde County—no unmet need, other than return to economic normalcy
- State EOC not activated but key staff on immediate call-back
- Conference call scheduled Tuesday, 8/01, at 10AM and 4PM—(919) 715-1909

Call me if you have questions, or need additional information.

Thanks,

Steve

Steven F. Davis

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(919) 825-2309, Office

(919) 825-2428, NC Emergency Operations Center

Steve.Davis@ncdps.gov

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FW: EMC transmission outage (Dare County/Hyde County) update—Tues, 10AM

From: Steve.Davis@ncdps.gov
To: Johnathan.Moon@ncdps.gov, Imani.West@ncdps.gov
Sent: August 4, 2017 11:58:42 AM EDT
Received: August 4, 2017 11:58:44 AM EDT

From: Davis, Steve
Sent: Tuesday, August 01, 2017 12:00 PM
To: Sprayberry, Mike; Wright, Joe; Daniska, Mike; Polk, Will; Brown, Todd; Hotchkiss, Nelle; Rouse, Jay; 'lee.ragsdale@ncemcs.com'; Duncan, Russell; Curtis, Dianne; Pulley, Wendy; Wisbey, Glenn; Weavil, Gregory; Webster, Katie; Cameron, Abby; Barnes, Brian; Payne-Hurley, Persia; Kellen, Joshua L.; 'MCGRAW, Emily'; Tant, Chris; 'TSAL, David'; 'Brian.Franklin@duke-energy.com'; Aspey, Darryl; Wilson, Clarice; 'PEKRUN, Pam'; 'PANZER, Louis'; 'Waldroup, Kenneth'; 'johnnyspencer@tyrrellcounty.net'; 'jedixon@ncdot.gov'; 'dmjohnson11@ncdot.gov'; GRANEY, Justin; Dodrill, Keith A. (Keith.Dodrill@NETL.DOE.GOV); tgalloway@natf.net
Cc: DAVIS, Oscar; Wendelgass, Tommy; GARRETT, Steven; STACEY, Bobbitt
Subject: EMC transmission outage (Dare County/Hyde County) update—Tues, 10AM

Please see Electric Membership Corp's transmission outage (Dare County/Hyde County) update for, Tuesday, 8/1—

--Conference call (10AM) w/Electric Membership Corp: Lee Ragsdale, Nelle Hotchkiss, and Jay Rouse provide update on transmission outage

--Temporary power stable on Hatteras Island—9 (2 MW) generator units operating

--Temporary power stable on Ocracoke Island—2 (2 MW) generator units with 1 (1 MW) generator unit offline and placed in reserve

--Estimate 35MW load between Hatteras Island and Ocracoke Island

--6 of 9 (2 MW) generator units on Hatteras Island not working in grid mode—not able to sink to grid

--Engineer plan supply temporary generation for Hatteras Island from Avon substation (sync existing generation with Buxton)

--Engineer plan provide more reliable and stable load (33 MW) for Hatteras Island within shorter timeframe

--Crews work to install switch gear (arrive last night) for Avon substation on Hatteras Island

--Repair permanent (3 MW) diesel generator unit on Ocracoke Island by this week (target Thursday, 8/3)

--Permanent (3 MW) diesel generator unit provide additional MW to system and temporary generation on Ocracoke Island

--EMC not linking generation restoration on Ocracoke Island to generation restoration on Hatteras Island

--Generator units operating under severe conservation measures on Ocracoke Island and Hatteras Island

--EMC monitor load and generator maintenance around the clock on Hatteras Island and Ocracoke Island

--Crews continue to excavate area to reach transmission cables and determine extent and nature of damage

- Crews complete repair (splicing) of severed transmission cable
- Crews determine 2nd of 3rd transmission cable not damaged
- Crews found fault (fault locator) on 3rd, still buried, transmission cable
- Crews locate 3rd transmission cable—unable to excavate 3rd transmission cable
- Significant de-watering issues excavating 3rd transmission cable—install additional pump (last night) for trench
- Division of Emergency provide additional pumps or assistance if needed
- Crews ready to repair (splice) 3rd transmission cable upon excavation
- Crews carefully excavating site for 3rd transmission cable
- Crews set 10-of-12 poles for overhead transmission line—begin install wire, hardware, and insulation today
- Estimate 6-to-10 day timeframe for full transmission to Hatteras Island and Ocracoke Island
- EMC aggressively pursue multiple options to resolve generation issue on Hatteras Island and Ocracoke Island
- Best option: permanent repair of damage transmission cables, or construction of overhead transmission line, or additional option: temporary generation on Hatteras Island and Ocracoke Island
- EMC exploring additional option to energize 2-of-3 transmission cables and 1 overhead transmission line
- Dare County advise visitor re-entry on Hatteras Island cannot occur until 33 MW of stable load available
- Repair and restoration operations dependent on weather conditions on Hatteras Island and Ocracoke Island
- Anticipate no environmental concerns constructing overhead transmission line
- Dare County and Hyde County—no unmet need, other than return to economic normalcy
- Hyde County collecting economic loss data—hosting community event on Ocracoke Island
- State EOC not activated but key staff on immediate call-back
- Conference call Tuesday, 8/01, at 4PM—(919) 715-1909

Call me if you have questions, or need additional information.

Thanks,

Steve

Steven F. Davis

Infrastructure Manager

NC Department of Public Safety

Division of Emergency Management

1636 Gold Star Drive

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FW: EMC transmission outage (Dare County/Hyde County) update—Tues., 4PM

From: Steve.Davis@ncdps.gov
To: Johnathan.Moon@ncdps.gov, Imani.West@ncdps.gov
Sent: August 4, 2017 11:58:58 AM EDT
Received: August 4, 2017 11:59:00 AM EDT
Attachments: 1st_cable_splice.jpeg, Overhead_transmission_line.jpeg, Excavation_trench.jpeg, Excavation_trench2.jpeg

From: Davis, Steve

Sent: Tuesday, August 01, 2017 4:44 PM

To: Sprayberry, Mike; Wright, Joe; Daniska, Mike; Polk, Will; Brown, Todd; Duncan, Russell; Curtis, Dianne; Pulley, Wendy; Wisbey, Glenn; Weavil, Gregory; Webster, Katie; Cameron, Abby; Barnes, Brian; Payne-Hurley, Persia; Kellen, Joshua L.; 'MCGRAW, Emily'; Tant, Chris; 'TSAL, David'; 'Brian.Franklin@duke-energy.com'; Aspey, Darryl; Wilson, Clarice; 'PEKRUN, Pam'; 'PANZER, Louis'; 'Waldroup, Kenneth'; 'johnnyspencer@tyrrellcounty.net'; 'jedixon@ncdot.gov'; 'dmjohnson11@ncdot.gov'; GRANEY, Justin; Dodrill, Keith A. (Keith.Dodrill@NETL.DOE.GOV); tgalloway@natf.net; POWERS, Steve; COOK, Mike
Cc: Hotchkiss, Nelle; Rouse, Jay; 'lee.ragsdale@ncemcs.com'; DAVIS, Oscar; DAVIS, Steven; Wendelgass, Tommy; GARRETT, Steven; STACEY, Bobbitt
Subject: EMC transmission outage (Dare County/Hyde County) update—Tues., 4PM

Please see Electric Membership Corp's transmission outage (Dare County/Hyde County) update for, Tuesday, 8/1.

--Conference call (4PM) w/Electric Membership Corp: Lee Ragsdale, Nelle Hotchkiss, and Jay Rouse provide update on transmission outage—

Temporary generation

--Power stable on Hatteras Island—9 (2 MW) generator units operating

--Power stable on Ocracoke Island—2 (2 MW) generator units operating w/1 (1 MW) generator unit in reserve

--Estimate 35MW load between Hatteras Island and Ocracoke Island

--Generators not working in grid mode on Hatteras Island—6 of 9 (2 MW) generator units

--Plan to provide stable (33 MW) load for Hatteras Island in short timeframe

--Crews supply generation from Avon substation—sync generation with Buxton—for Hatteras Island

--Crews install switch gear at Avon substation on Hatteras Island

--Crews repair generator unit (3MW) on Ocracoke Island by Wednesday

--Power restoration on Hatteras Island not linked to power restoration on Ocracoke Island

--Power conservation measure in effect on Hatteras Island and Ocracoke Island

--Load and generator maintenance monitored around the clock on Hatteras Island and Ocracoke Island

Underground solution

--Crews excavate area to determine extent of damage to transmission cables

--Crews complete repair (splicing) of severed transmission cable

--Crews determine 2nd of 3rd transmission cable not damaged

--Crews find fault on 3rd transmission cable

--Crews excavate 3rd transmission cable

--Crews re-enforce trench—continue to de-water

--Crews ready to repair (splice) 3rd transmission cable when conditions permit

--Division of Emergency Management provide pumps or assistance if needed

Overhead solution

--Crews set poles for overhead transmission line—anticipate wire and insulation install soon

--Anticipate no environmental concern constructing overhead transmission line

--Estimate 6-to-10 day timeframe for full transmission to Hatteras Island and Ocracoke Island

Other

--Multiple options resolve generation issue on Hatteras Island and Ocracoke Island

--Best option: permanent repair of transmission cables, or construction of overhead transmission line

--Additional option: temporary generation on Hatteras Island and Ocracoke Island

--Additional option: energize 2-of-3 transmission cables and 1 overhead transmission line (technical issues)

--Power restoration/repair operation dependent on weather conditions on Hatteras Island and Ocracoke Island

--Dare County advise visitor re-entry on Hatteras Island contingent upon stable load (33 MW) availability

--Dare County and Hyde County—no unmet need (return to economic normalcy as soon as possible)

--Hyde County collect economic loss data—host community event on Ocracoke Island

--Dare County advise direct re-entry (at Bonner Bridge) question/issue to—(252) 475-5655

--State EOC not activated—key staff on call-back

--Conference call Wednesday, 8/02, at 10AM and 4PM—(919) 715-1909

Call me if you have questions, or need additional information.

Thank you,

Steve

Steven F. Davis

Infrastructure Manager

NC Department of Public Safety

Division of Emergency Management

1636 Gold Star Drive

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Raleigh, NC 27607-4236

(919) 825-2309, Office

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Attachment #1

1st_cable_splice.jpeg

Image



Attachment #2

Overhead_transmisison_line.jpeg

Image



Attachment #3

Excavation_trench.jpeg

Image



Attachment #4

Excavation_trench2.jpeg

Image



FW: EMC transmission outage (Dare County/Hyde County) update—Wed.,10AM

From: Steve.Davis@ncdps.gov
To: Johnathan.Moon@ncdps.gov, Imani.West@ncdps.gov
Sent: August 4, 2017 11:59:14 AM EDT
Received: August 4, 2017 11:59:15 AM EDT

From: Davis,Steve
Sent: Wednesday, August 02, 2017 12:06 PM
To: Sprayberry, Mike; Wright, Joe; Daniska, Mike; Polk, Will; Brown,Todd; Duncan, Russell; Curtis, Dianne; Pulley, Wendy; Wisbey, Glenn; Weavil, Gregory; Webster, Katie; Cameron, Abby; Barnes, Brian; Payne-Hurley, Persia; Kellen, Joshua L.; 'MCGRAW, Emily'; Tant, Chris; 'TSAL, David'; 'Brian.Franklin@duke-energy.com'; Aspey, Darryl; Wilson, Clarice; 'PEKRUN, Pam'; 'PANZER, Louis'; 'Waldroup, Kenneth'; 'johnnyspencer@tyrrellcounty.net'; 'jedixon@ncdot.gov'; 'dmjohnson11@ncdot.gov'; GRANEY, Justin; Dodrill, Keith A. (Keith.Dodrill@NETL.DOE.GOV); tgalloway@natf.net; POWERS, Steve; COOK, Mike; Wedig, Dawn; Thomas, Diana
Cc: Hotchkiss, Nelle; Rouse, Jay; 'lee.ragsdale@ncemcs.com'; DAVIS, Oscar; DAVIS, Steven; Wendelgass, Tommy; GARRETT, Steven; STACEY, Bobbitt
Subject: EMC transmission outage (Dare County/Hyde County) update—Wed.,10AM

Please see Electric Membership Corp's transmission outage (Dare County/Hyde County) update for, Wednesday, 8/2.

--Conference call (10AM) w/Electric Membership Corp: Lee Ragsdale, Nelle Hotchkiss, and Jay Rouse provide update on transmission outage—

Temporary generation

--Power stable on Hatteras Island—9 (2 MW) generator units operating

--Power stable on Ocracoke Island—2 (2 MW) generator units operating w/1 (1 MW) generator unit in reserve

--Estimate 35MW load between Hatteras Island and Ocracoke Island

--Generators not working in grid mode on Hatteras Island—6 of 9 (2 MW) generator units

--Plan to provide stable (33 MW) load for Hatteras Island in short timeframe

--Crews supply generation from Avon substation—sync generation with Buxton—for Hatteras Island

--Crews install switch gear at Avon substation on Hatteras Island

--Crews repair generator unit (3MW) on Ocracoke Island on Tuesday

--Permanent generator unit (3MW) on Ocracoke Island online—carrying load, as of 10AM

--Switch additional circuit on Ocracoke Island onto generator unit (3MW) later today

--Power restoration on Hatteras Island not linked to power restoration on Ocracoke Island

--Power conservation measure in effect on Hatteras Island and Ocracoke Island

--Load and generator maintenance monitored around the clock on Hatteras Island and Ocracoke Island

Underground solution

- Crews stop excavation of area near damaged transmission cables
- Crews fill-in excavation trench—conditions challenging/unsafe
- Crews complete repair (splicing) of severed transmission cable
- Crews determine 2nd of 3rd transmission cable not damaged
- Crews find fault on 3rd transmission cable
- Crews excavate 3rd transmission cable
- Crews re-enforce trench—continue to de-water
- Crews ready to repair (splice) 3rd transmission cable when conditions permit

Overhead solution

- Crews pull wire—connect constructed transmission line to existing transmission line
- Crews set all poles for overhead transmission line—hardware in place
- Anticipate no environmental concern constructing overhead transmission line
- Estimate 3-to-5 day timeframe for full transmission to Hatteras Island and Ocracoke Island

Other

- Revised options resolve generation issue on Hatteras Island and Ocracoke Island
- Best option: construction of overhead transmission line (concentrate resources)
- Additional option: temporary generation on Hatteras Island and Ocracoke Island
- Use temporary generation on Hatteras Island proof of concept for future needs
- Power restoration/repair operation dependent on weather conditions on Hatteras Island and Ocracoke Island
- Dare County advise visitor re-entry on Hatteras Island contingent upon stable load (33 MW) availability
- Dare County—no unmet need (return to economic normalcy as soon as possible)
- Hyde County collect economic loss data—identified significant unmet need
- Dare County/Hyde County coordinate pending reentry issues with reentry stakeholders
- Dare County advise direct reentry (at Bonner Bridge) question/issue to—(252) 475-5655

--State EOC not activated—key staff on call-back

--FYI: OBX outage from space—<https://earthobservatory.nasa.gov/NaturalHazards/view.php?id=90658&src=twitter-nh>

--Conference call Wednesday, 8/02, at 4PM—(919) 715-1909

Call me if you have questions, or need additional information.

Thank you,

Steve

Steven F. Davis

Infrastructure Manager

NC Department of Public Safety

Division of Emergency Management

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FW: EMC transmission outage (Dare County/Hyde County) update—Wed.,4PM

From: Steve.Davis@ncdps.gov
To: Johnathan.Moon@ncdps.gov, Imani.West@ncdps.gov
Sent: August 4, 2017 11:59:25 AM EDT
Received: August 4, 2017 11:59:26 AM EDT

From: Davis,Steve
Sent: Wednesday, August 02, 2017 5:00 PM
To: Sprayberry, Mike; Wright, Joe; Daniska, Mike; Polk, Will; Brown,Todd; Duncan, Russell; Curtis, Dianne; Pulley, Wendy; Wisbey, Glenn; Weavil, Gregory; Webster, Katie; Cameron, Abby; Barnes, Brian; Payne-Hurley, Persia; Kellen, Joshua L.; 'MCGRAW, Emily'; Tant, Chris; 'TSAL, David'; 'Brian.Franklin@duke-energy.com'; Aspey, Darryl; Wilson, Clarice; 'PEKRUN, Pam'; 'PANZER, Louis'; 'Waldroup, Kenneth'; 'johnnyspencer@tyrrellcounty.net'; 'jedixon@ncdot.gov'; 'dmjohnson11@ncdot.gov'; GRANEY, Justin; Dodrill, Keith A. (Keith.Dodrill@NETL.DOE.GOV); tgalloway@natf.net; POWERS, Steve; COOK, Mike; Wedig, Dawn; Thomas, Diana
Cc: Hotchkiss, Nelle; Rouse, Jay; 'lee.ragsdale@ncemcs.com'; DAVIS, Oscar; DAVIS, Steven; Wendelgass, Tommy; GARRETT, Steven; STACEY, Bobbitt
Subject: EMC transmission outage (Dare County/Hyde County) update—Wed.,4PM

Please see Electric Membership Corp's transmission outage (Dare County/Hyde County) update for, Wednesday, 8/2.

--Conference call (4PM) w/Electric Membership Corp: Lee Ragsdale, Nelle Hotchkiss, and Jay Rouse provide update on transmission outage—

Temporary generation

- Power stable on Hatteras Island—9 (2 MW) generator units operating
- Power stable on Ocracoke Island—2 (2 MW) generator units operating w/1 (1 MW) generator unit in reserve
- Generators not in grid mode on Hatteras Island—6 of 9 (2 MW) generator units
- Provide stable (33 MW) load for Hatteras Island in short timeframe
- Test sync generation from Avon substation for Hatteras Island
- Permanent generator unit (3MW) on Ocracoke Island operating
- Switch additional circuit onto generator unit (3MW) on Ocracoke Island
- Power restoration on Hatteras Island not linked to power restoration on Ocracoke Island
- Power conservation measure in effect on Hatteras Island and Ocracoke Island
- Load monitored and generator maintenance around the clock on Hatteras Island and Ocracoke Island

Underground solution

- Crews stop excavation for 3rd transmission cable
- Crews fill-in excavation trench—conditions challenging/unsafe

--Crews ready to repair (splice) 3rd transmission cable when conditions permit

Overhead solution

--Energize overhead transmission lines—Thursday

--Test reliability overhead transmission lines—energize wait period (12-24 hours)

--Gradually add load to overhead transmission lines—late Thursday or Friday

--Crews pull wire—connect constructed transmission line to existing transmission line

--Crews set all poles for overhead transmission line—hardware in place

--Estimate 3-to-5 day timeframe for full transmission to Hatteras Island and Ocracoke Island

--No environmental concern on overhead transmission line construction

Other

--Revise options resolve generation issue on Hatteras Island and Ocracoke Island

--Best option: overhead transmission line construction (concentrate resources)

--Additional option: temporary generation on Hatteras Island and Ocracoke Island

--Proof of concept temporary generation on Hatteras Island

--Power restoration dependent on weather conditions on Hatteras Island and Ocracoke Island

--Dare County advise visitor reentry on Hatteras Island link to availability stable (33 MW) load

--Coordinate reentry to Hatteras Island and Ocracoke Island among reentry stakeholders

--Dare County advise direct reentry (at Bonner Bridge) question/issue to—(252) 475-5655

--Dare County return to economic normalcy mitigate unmet need

--Hyde County collect economic loss data—identify significant unmet need

--OBX outage from space—<https://earthobservatory.nasa.gov/NaturalHazards/view.php?id=90658&src=twitter-nh>

--State EOC Level 5—key staff on call-back

--Conference call Thursday, 8/03, at 10AM and 4PM—(919) 715-1909

Call me if you have questions, or need additional information.

Thank you,

Steve

Steven F. Davis

Infrastructure Manager

NC Department of Public Safety

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www.readync.org <<http://www.readync.org/>>

RE: Generators for Hatteras Island and Ocracoke Island

From: Charles.Laird@ncdps.gov
To: Tommy.Wendelgass@ncdps.gov
Sent: July 28, 2017 2:41:33 PM EDT
Received: July 28, 2017 2:41:35 PM EDT

Sick, thanks brochinski.

Respectfully,

Charles M. Laird

Emergency Services Coordinator - SAR

NC Department of Public Safety

Division of Emergency Management– Emergency Services

4236 Mail Service Center

Raleigh, NC 27699-4236

Phone: 919-825-2272

Cell: 984-289-3706

Charles.Laird@ncdps.gov

From: Wendelgass, Tommy
Sent: Friday, July 28, 2017 2:40 PM
To: Laird, Charles <Charles.Laird@ncdps.gov>
Subject: FW: Generators for Hatteras Island and Ocracoke Island

From: Rouse, Jay [mailto:jay.rouse@ncemcs.com]
Sent: Friday, July 28, 2017 2:34 PM
To: Davis, Steve <Steve.Davis@ncdps.gov>; Wright, Joe <Joe.Wright@ncdps.gov>; Sprayberry, Mike <Mike.Sprayberry@ncdps.gov>; Brown, Todd <Todd.Brown@ncdps.gov>; Daniska, Mike <Mike.Daniska@ncdps.gov>; Polk, Will <Will.Polk@ncdps.gov>
Cc: Davis, Oscar <Oscar.Davis@ncdps.gov>; Wendelgass, Tommy <Tommy.Wendelgass@ncdps.gov>; Hotchkiss, Nelle <nelle.hotchkiss@ncemcs.com>
Subject: RE: Generators for Hatteras Island and Ocracoke Island

All mobile generators have arrived at their designated locations with the last two in transit on ferry to Ocracoke right now. Thank you all.

Jay

From: Davis, Steve [mailto:Steve.Davis@ncdps.gov]
Sent: Friday, July 28, 2017 1:03 PM
To: Wright, Joe <Joe.Wright@ncdps.gov>; Sprayberry, Mike <Mike.Sprayberry@ncdps.gov>; Brown, Todd

<Todd.Brown@ncdps.gov>; Daniska, Mike <Mike.Daniska@ncdps.gov>; Polk, Will <Will.Polk@ncdps.gov>
Cc: Davis, Oscar <Oscar.Davis@ncdps.gov>; Wendelgass, Tommy <Tommy.Wendelgass@ncdps.gov>; Rouse, Jay
<jay.rouse@ncemcs.com>
Subject: Generators for Hatteras Island and Ocracoke Island

Please exercise caution, this is an EXTERNAL email. Be vigilant opening attachments or clicking links from unknown senders or unexpected emails. Please contact the ServiceDesk if you need assistance.

Joe,

Here is the information on the generators for Tideland EMC and Cape Hatteras EMC you requested this morning.

Specs for all generators attached—

Hatteras Island (9 (2MW) generators onsite or enroute)—Cape Hatteras EMC

--2 (2 MW) generators installed and running on Thursday, 7/27

--5 (2 MW) generators onsite and expected to be installed and running by Friday, 7/28

--2 (2 MW) generators enroute to Hatteras Island (in South Carolina as of 10AM), expected date of installation unknown

Ocracoke Island (2 (2MW) generators and 1 (1MW) generator onsite or enroute)—Tideland EMC

--1 (1MW) generator installed on Thursday, 7/27—offline for 7-to-10 days for repair

--2 (2MW) generators enroute and expected to be installed and running by Friday, 7/28

--Public health and safety operations expected to remain functional throughout extended outage period

--Ferry Division to transported 2 (2MW) generators to Ocracoke Island this afternoon, by 3PM

--Dare County, Hyde County, Tideland EMC, Cape Hatteras EMC, and Ferry Division expect no issues with fuel delivery or distribution to impact temporary generation on Hatteras Island or Ocracoke Island

--Dare County or Division of Highways expect no issues with weight or size of generators impacting delivery of generators over Bonner Bridge enroute to Hatteras Island

--Expect service curtailment and feeder rotation on Hatteras Island and Ocracoke Island from temporary generation throughout extended outage period

Call me if you have questions, or need additional information.

Thanks,

Steve

Steven F. Davis

Infrastructure Manager

NC Department of Public Safety

Division of Emergency Management

1636 Gold Star Drive

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Raleigh, NC 27607-4236

(919) 825-2309, Office

(919) 825-2428, NC Emergency Operations Center

Steve.Davis@ncdps.gov

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<https://urldefense.proofpoint.com/v2/url?u=http-3A__www.readync.org_&d=DwMFAG&c=WL3MMrLyVWdTUFt6ms3Ptg&r=s5INnJp1RxY5EAwQ483R1nBeJ8WLdKmo_P5n7Az2U-I&m=qnWJqfMnQW7eUZPI--fVs2ho49e54LkVWjL7pH3DppA&s=u5iYBznla1_D2wr1uZ7TyJ4VeGv0g-5m9ejZECxsCok&e=>

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www.readync.org <https://urldefense.proofpoint.com/v2/url?u=http-3A__www.readync.org_&d=DwMFAG&c=WL3MMrLyVWdTUFt6ms3Ptg&r=s5INnJp1RxY5EAwQ483R1nBeJ8WLdKmo_P5n7Az2U-I&m=qnWJqfMnQW7eUZPI--fVs2ho49e54LkVWjL7pH3DppA&s=u5iYBznla1_D2wr1uZ7TyJ4VeGv0g-5m9ejZECxsCok&e=>

E-mail correspondence sent to and from this address may be subject to the provisions of G.S. 132-1, the North Carolina Public Records Law, and may be subject to monitoring and disclosed to third parties, including law enforcement personnel, by an authorized state official.

Cherry Branch Sunday morning

From: Kinner, Susan H <skinner@ncdot.gov>
To: Austin, Michael D <maustin@ncdot.gov>, Chris Watson <chris.watson@arapahoecharter.org>, Credle, Jeff M <jcredle@ncdot.gov>, david <david@donleecenter.org>, David Marriott <david.marriott@navy.mil>, Davis, Johnnie B <johnniedavis@ncdot.gov>, Dismal Swamp Welcome Center <dscwelcome@camdencountync.gov>, Dixon, John E <jedixon@ncdot.gov>, Ellen Blackmon [REDACTED], SVC_DOT.FerryReservations <FerryReservations@ncdot.gov>, Gray, Jarvis K <jkgray1@ncdot.gov>, gwcagency <[REDACTED]>, Hass, Timothy D <tdhass@ncdot.gov>, Hollowell, Sherry D <shollowell@ncdot.gov>, Home Patty Davis-Hanson ([REDACTED]), jaros <[REDACTED]>, John McCotter <John.mccotter@usmc.mil>, Josh Porter [REDACTED], Kate Metts <Kate@donleecenter.org>, ken buday <ken.buday@havenews.com>, Kinner, Susan H <skinner@ncdot.gov>, Larry Horton [REDACTED], Laura Goldenbaum-Yang <Laura@donleecenter.org>, Lewis, Karen M <karenmlewis@ncdot.gov>, martinez [REDACTED], Mary Hill <mary.b.hill1@usmc.mil>, Mary Hill, Home [REDACTED], Meister, Nicole D <ndmeister@ncdot.gov>, Melinda Pendava <melinda@towndock.net>, Michael Barton <Michael.Barton@usmc.mil>, Michelle Barton <michelle.highter@usmc.mil>, patty hanson <patricia.davis-hanso@navy.mil>, Piner, Charles H <cpiner@ncdot.gov>, Rebecca Sotirkys ([REDACTED]), [REDACTED], Rivenbark, Rembert R <rrivenbark1@ncdot.gov>, SERENA LEE <[REDACTED]>, Sparks, Stacey P <spsparks@ncdot.gov>, Stegall, Keith M <kmstegall@ncdot.gov>, Davis, Steve (NCEM) <Steve.Davis@ncdps.gov>, top.scott [REDACTED], Town Dock News <info@Towndock.net>, TWC News <coastalncnews@twcnews.com>, Vanessa Bell <[REDACTED]>, Wade, Adron G <agwade@ncdot.gov>, news <news@wcti12.com>, Whitehurst, Roger W <rwhitehurst@ncdot.gov>, WNCT <newsroom@WNCT.com>, EllenBlackmon <[REDACTED]>, SVC_DOT . FerryReservations <FerryReservations@ncdot.gov>, Home Patty Davis-Hanson([REDACTED]) <[REDACTED]>, Mary Hill, Home <[REDACTED]>, Davis, Steve (NCEM) <Steve.Davis@ncdps.gov>, top . scott [REDACTED]
Sent: July 29, 2017 6:20:03 PM EDT
Received: July 29, 2017 6:20:17 PM EDT

Sunday morning (tomorrow) after the 0900 ferry, Cherry Branch will be shutting down one boat in order to make repairs to one of our ramps. We will be running the remaining boat on a shuttle until the repairs are completed.

Departures from Cherry Branch will be at 9:00 am, 10:00, and 11:00 am.

Departures from Minnesott Beach will be at 9:00, 9:30, 10:30 and 11:30am.

Sue Kinner

Operations Manager

North Carolina Department of Transportation

252 463 7002 office

skinner@ncdot.gov

Cherry Branch – Minnesott Beach Ferry

2300 Ferry Road

Havelock, NC 28532

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Cherry Branch

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To: Austin, Michael D <maustin@ncdot.gov>, Chris Watson <chris.watson@arapahoecharter.org>, Credle, Jeff M <jcredle@ncdot.gov>, david <david@donleecenter.org>, David Marriott <david.marriott@navy.mil>, Davis, Johnnie B <johnniedavis@ncdot.gov>, Dismal Swamp Welcome Center <dscwelcome@camdencountync.gov>, Dixon, John E <jedixon@ncdot.gov>, Ellen Blackmon <[REDACTED]>, SVC_DOT.FerryReservations <FerryReservations@ncdot.gov>, Gray, Jarvis K <jkgray1@ncdot.gov>, gwcagency <[REDACTED]>, Hass, Timothy D <tdhass@ncdot.gov>, Hollowell, Sherry D <shollowell@ncdot.gov>, Home Patty Davis-Hanson ([REDACTED]) <[REDACTED]>, jaros <[REDACTED]>, John McCotter <John.mccotter@usmc.mil>, Josh Porter <[REDACTED]>, Kate Metts <Kate@donleecenter.org>, ken buday <ken.buday@havenews.com>, Kinner, Susan H <skinner@ncdot.gov>, Larry Horton <[REDACTED]>, Laura Goldenbaum-Yang <Laura@donleecenter.org>, Lewis, Karen M <karenmlewis@ncdot.gov>, martinez <[REDACTED]>, Mary Hill <mary.b.hill1@usmc.mil>, Mary Hill, Home <[REDACTED]>, Meister, Nicole D <ndmeister@ncdot.gov>, Melinda Pendava <melinda@towndock.net>, Michael Barton <Michael.Barton@usmc.mil>, Michelle Barton <michelle.highter@usmc.mil>, patty hanson <patricia.davis-hanso@navy.mil>, Piner, Charles H <cpiner@ncdot.gov>, Rebecca Sotirkys <[REDACTED]>, Rivenbark, Rembert R <rrivenbark1@ncdot.gov>, SERENA LEE <[REDACTED]>, Sparks, Stacey P <spsparks@ncdot.gov>, Stegall, Keith M <kmstegall@ncdot.gov>, Davis, Steve (NCEM) <Steve.Davis@ncdps.gov>, top.scott <[REDACTED]>, Town Dock News <info@Towndock.net>, TWC News <coastalncnews@twcnews.com>, Vanessa Bell <[REDACTED]>, Wade, Adron G <agwade@ncdot.gov>, news <news@wcti12.com>, Whitehurst, Roger W <rwhitehurst@ncdot.gov>, WNCT <newsroom@WNCT.com>, EllenBlackmon <[REDACTED]>, SVC_DOT . FerryReservations <FerryReservations@ncdot.gov>, Home Patty Davis-Hanson([REDACTED]) <[REDACTED]>, Mary Hill,Home <[REDACTED]>, Davis,Steve (NCEM) <Steve.Davis@ncdps.gov>, top . scott <[REDACTED]>
Sent: July 30, 2017 12:41:38 PM EDT
Received: July 30, 2017 12:41:47 PM EDT

Repairs are complete and both boats are on schedule and on time.

Come ride with us.

Sue Kinner

Operations Manager

North Carolina Department of Transportation

252 463 7002 office

skinner@ncdot.gov

Cherry Branch – Minnesott Beach Ferry

2300 Ferry Road

Havelock, NC 28532

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Re: Cherry Branch

From: Kinner, Susan H <skinner@ncdot.gov>
To: Kinner, Susan H <skinner@ncdot.gov>, ken buday <ken.buday@havenews.com>, TWC News <coastalncnews@twcnews.com>, Chris Watson <chris.watson@arapahoecharter.org>, Larry Horton <[REDACTED]>, Stegall, Keith M <kmstegall@ncdot.gov>, Hass, Timothy D <tdhass@ncdot.gov>, Piner, Charles H <cpiner@ncdot.gov>, Davis, Steve (NCEM) <Steve.Davis@ncdps.gov>, Mary Hill <mary.b.hill1@usmc.mil>, Sparks, Stacey P <spsparks@ncdot.gov>, SVC_DOT.FerryReservations <FerryReservations@ncdot.gov>, Michael Barton <Michael.Barton@usmc.mil>, John McCotter <John.mccotter@usmc.mil>, Kate Metts <Kate@donleecenter.org>, Michelle Barton <michelle.highter@usmc.mil>, SERENA LEE <[REDACTED]>, Whitehurst, Roger W <rwhitehurst@ncdot.gov>, Ellen Blackmon <[REDACTED]>, gwcagency <[REDACTED]>, Credle, Jeff M <jcredle@ncdot.gov>, Home Patty Davis-Hanson ([REDACTED]) <[REDACTED]>, Lewis, Karen M <karenmlewis@ncdot.gov>, Dismal Swamp Welcome Center <dscwelcome@camdencountync.gov>, top.scott <[REDACTED]>, Mary Hill, Home <[REDACTED]>, WNCT <newsroom@WNCT.com>, Meister, Nicole D <ndmeister@ncdot.gov>, Laura Goldenbaum-Yang <Laura@donleecenter.org>, Hollowell, Sherry D <shollowell@ncdot.gov>, Austin, Michael D <maustin@ncdot.gov>, Josh Porter <[REDACTED]>, jaros <[REDACTED]>, Melinda Pendava <melinda@towndock.net>, Gray, Jarvis K <jkgray1@ncdot.gov>, david <david@donleecenter.org>, Rebecca Sotirkys <[REDACTED]>, news <news@wcti12.com>, Vanessa Bell <[REDACTED]>, Town Dock News <info@Towndock.net>, martinez <[REDACTED]>, David Marriott <david.marriott@navy.mil>, Rivenbark, Rembert R <rrrivenbark1@ncdot.gov>, Davis, Johnnie B <johnniedavis@ncdot.gov>, patty hanson <patricia.davis-hanso@navy.mil>, Dixon, John E <jedixon@ncdot.gov>, Wade, Adron G <agwade@ncdot.gov>, Davis, Steve(NCEM) <Steve.Davis@ncdps.gov>, Sparks, Stacey P <spsparks@ncdot.gov>, SVC_DOT . FerryReservations <FerryReservations@ncdot.gov>, Home Patty Davis-Hanson([REDACTED]) <[REDACTED]>, top . scott <[REDACTED]>, MaryHill, Home <[REDACTED]>, Meister, Nicole D <ndmeister@ncdot.gov>, Gray, Jarvis K <jkgray1@ncdot.gov>, RebeccaSotirkys ([REDACTED]) <R[REDACTED]>, Wade, Adron G <agwade@ncdot.gov>
Sent: July 30, 2017 10:16:52 PM EDT
Received: July 30, 2017 10:16:59 PM EDT
Attachments: image005.jpg, image006.png

Because of very high water in the Neuse River the Cherry Branch Ferry will not be able to make runs after 1030pm

Sent from my

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Attachment #1

image005.jpg

Image



Attachment #2
image006.png
Image



RE: Cherry Branch

From: Kinner, Susan H <skinner@ncdot.gov>
To: ken buday <ken.buday@havenews.com>, TWC News
<coastalncnews@twcnews.com>, Chris Watson
<chris.watson@arapahoecharter.org>, Larry Horton [REDACTED],
Stegall, Keith M <kmstegall@ncdot.gov>, Hass, Timothy D <tdhass@ncdot.gov>,
Piner, Charles H <cpiner@ncdot.gov>, Davis, Steve (NCEM)
<Steve.Davis@ncdps.gov>, Mary Hill <mary.b.hill1@usmc.mil>, Sparks, Stacey P
<spsparks@ncdot.gov>, SVC_DOT.FerryReservations
<FerryReservations@ncdot.gov>, Michael Barton <Michael.Barton@usmc.mil>, John
McCotter <John.mccotter@usmc.mil>, Kate Metts <Kate@donleecenter.org>, Michelle
Barton <michelle.highter@usmc.mil>, SERENA LEE <[REDACTED]>,
Whitehurst, Roger W <rwhitehurst@ncdot.gov>, Ellen Blackmon
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<jcredle@ncdot.gov>, Home Patty Davis-Hanson ([REDACTED])
<[REDACTED]>, Lewis, Karen M <karenmlewis@ncdot.gov>, Dismal
Swamp Welcome Center <dscwelcome@camdencountync.gov>, top.scott
<[REDACTED]>, Mary Hill, Home <[REDACTED]>, WNCT
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Goldenbaum-Yang <Laura@donleecenter.org>, Hollowell, Sherry D
<shollowell@ncdot.gov>, Austin, Michael D <maustin@ncdot.gov>, Josh Porter
<[REDACTED]>, jaros <[REDACTED]>, Melinda Pendava
<melinda@towndock.net>, Gray, Jarvis K <jkgray1@ncdot.gov>, david
<david@donleecenter.org>, Rebecca Sotirkys ([REDACTED])
<[REDACTED]>, news <news@wcti12.com>, Vanessa Bell
<[REDACTED]>, Town Dock News <info@Towndock.net>, martinez
<[REDACTED]>, David Marriott <david.marriott@navy.mil>, Rivenbark,
Rembert R <rrrivenbark1@ncdot.gov>, Davis, Johnnie B <johnniedavis@ncdot.gov>,
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Wade, Adron G <agwade@ncdot.gov>, Hass, Timothy D <tdhass@ncdot.gov>,
SVC_DOT . FerryReservations <FerryReservations@ncdot.gov>, Home Patty Davis-
Hanson ([REDACTED]) <[REDACTED]>, top . scott
<[REDACTED]>, MaryHill, Home <[REDACTED]>, Meister, Nicole
D <ndmeister@ncdot.gov>, Gray, Jarvis K <jkgray1@ncdot.gov>, RebeccaSotirkys
<[REDACTED]> <[REDACTED]>, Wade, Adron G
<agwade@ncdot.gov>
Sent: July 31, 2017 5:06:52 AM EDT
Received: July 31, 2017 5:07:02 AM EDT

Although still very high, the water level has dropped some and we are able to get our boats under the ramps.

The Cherry Branch ferries are on schedule and on time this morning.

Sue Kinner

Operations Manager

North Carolina Department of Transportation

252 463 7002 office

skinner@ncdot.gov

Cherry Branch – Minnesott Beach Ferry

2300 Ferry Road

Havelock, NC 28532

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North Carolina Public Records Law and may be disclosed to third parties.

From: Kinner, Susan H

Sent: Sunday, July 30, 2017 10:17 PM

To: Kinner, Susan H; ken buday; TWC News; Chris Watson; Larry Horton; Stegall, Keith M; Hass, Timothy D; Piner, Charles H; Davis, Steve (NCEM); Mary Hill; Sparks, Stacey P; SVC_DOT.FerryReservations; Michael Barton; John McCotter; Kate Metts; Michelle Barton; SERENA LEE; Whitehurst, Roger W; Ellen Blackmon; gwcagency; Credle, Jeff M; Home Patty Davis-Hanson [REDACTED]; Lewis, Karen M; Dismal Swamp Welcome Center; top.scott; Mary Hill, Home; WNCT; Meister, Nicole D; Laura Goldenbaum-Yang; Hollowell, Sherry D; Austin, Michael D; Josh Porter; jaros; Melinda Pendava; Gray, Jarvis K; david; Rebecca Sotirkys [REDACTED]; news; Vanessa Bell; Town Dock News; martinez; David Marriott; Rivenbark, Rembert R; Davis, Johnnie B; patty hanson; Dixon, John E; Wade, Adron G
Subject: Re: Cherry Branch

Because of very high water in the Neuse River the Cherry Branch Ferry will not be able to make runs after 1030pm

Sent from my

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Ramp repairs

From: Kinner, Susan H <skinner@ncdot.gov>
To: Austin, Michael D <maustin@ncdot.gov>, Chris Watson <chris.watson@arapahoecharter.org>, Credle, Jeff M <jcredle@ncdot.gov>, david <david@donleecenter.org>, David Marriott <david.marriott@navy.mil>, Davis, Johnnie B <johnniedavis@ncdot.gov>, Dismal Swamp Welcome Center <dscwelcome@camdencountync.gov>, Dixon, John E <jedixon@ncdot.gov>, Ellen Blackmon <[REDACTED]>, SVC_DOT.FerryReservations <FerryReservations@ncdot.gov>, Gray, Jarvis K <jkgray1@ncdot.gov>, gwcagency <[REDACTED]>, Hass, Timothy D <tdhass@ncdot.gov>, Hollowell, Sherry D <shollowell@ncdot.gov>, Home Patty Davis-Hanson ([REDACTED]) <[REDACTED]>, jaros <[REDACTED]>, John McCotter <John.mccotter@usmc.mil>, Josh Porter <[REDACTED]>, Kate Metts <Kate@donleecenter.org>, ken buday <ken.buday@havenews.com>, Kinner, Susan H <skinner@ncdot.gov>, Larry Horton <[REDACTED]>, Laura Goldenbaum-Yang <Laura@donleecenter.org>, Lewis, Karen M <karenmlewis@ncdot.gov>, martinez <[REDACTED]>, Mary Hill <mary.b.hill1@usmc.mil>, Mary Hill, Home <[REDACTED]>, Meister, Nicole D <ndmeister@ncdot.gov>, Melinda Pendava <melinda@towndock.net>, Michael Barton <Michael.Barton@usmc.mil>, Michelle Barton <michelle.highter@usmc.mil>, patty hanson <patricia.davis-hanso@navy.mil>, Piner, Charles H <cpiner@ncdot.gov>, Rebecca Sotirkys ([REDACTED]) <[REDACTED]>, Rivenbark, Rembert R <rrrivenbark1@ncdot.gov>, SERENA LEE <[REDACTED]>, Sparks, Stacey P <spsparks@ncdot.gov>, Stegall, Keith M <kmstegall@ncdot.gov>, Davis, Steve (NCEM) <Steve.Davis@ncdps.gov>, top.scott <[REDACTED]>, Town Dock News <info@Towndock.net>, TWC News <coastalncnews@twcnews.com>, Vanessa Bell <[REDACTED]>, Wade, Adron G <agwade@ncdot.gov>, news <news@wcti12.com>, Whitehurst, Roger W <rwhitehurst@ncdot.gov>, WNCT <newsroom@WNCT.com>, EllenBlackmon <[REDACTED]>, SVC_DOT . FerryReservations <FerryReservations@ncdot.gov>, Home Patty Davis-Hanson <[REDACTED]> <[REDACTED]>, Mary Hill, Home <[REDACTED]>, Davis, Steve (NCEM) <Steve.Davis@ncdps.gov>, top .
Sent: July 31, 2017 10:21:18 AM EDT
Received: July 31, 2017 10:21:25 AM EDT

Cherry Branch will continue with our ramp repairs today. After the departure of our 11:00 run, we will again have to shut down one boat. We will operate on a one boat schedule until the ramp is fixed.

From CB at 11, noon, 1:30, 2:30, 3:30, 4:30 and 5:30.

From MB at 11, 12:30, 2:00, 3:00, 4:00, 5:00 and 6:00.

I'll let you know if we finish early!

Sue Kinner

Operations Manager

North Carolina Department of Transportation

252 463 7002 office

skinner@ncdot.gov

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Havelock, NC 28532

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Sent: July 31, 2017 4:18:24 PM EDT
Received: July 31, 2017 4:18:36 PM EDT

Ramp repairs are complete. We are back on schedule and on time with two boats fully operational. Come ride with us.

Sue Kinner

Operations Manager

North Carolina Department of Transportation

252 463 7002 office

skinner@ncdot.gov

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Havelock, NC 28532

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FW: Electric Membership Corp transmission outage update--Sunday, 10AM

From: Steve.Davis@ncdps.gov
To: Johnathan.Moon@ncdps.gov, Imani.West@ncdps.gov
Sent: August 4, 2017 11:57:48 AM EDT
Received: August 4, 2017 11:57:49 AM EDT

From: Davis, Steve
Sent: Sunday, July 30, 2017 1:43 PM
To: Sprayberry, Mike; Wright, Joe; Daniska, Mike; Brown, Todd; Polk, Will; HOTCHKISS, Nelle; Rouse, Jay; Duncan, Russell
Cc: Curtis, Dianne; Davis, Oscar; Wendelgass, Tommy; Wisbey, Glenn; Weavil, Gregory; Webster, Katie; Cameron, Abby; Barnes, Brian; Payne-Hurley, Persia; Kellen, Joshua L.; 'jedixon@ncdot.gov'; MCGRAW, Emily; Tant, Chris; TSAI, David; Brian.Franklin@duke-energy.com; Aspey, Darryl; Wilson, Clarice; PEKRUN, Pam; lee.ragsdale@ncemcs.com; Bissette, Carla; Waldroup, Kenneth; johnnyspencer@tyrrellcounty.net; PANZER, Louis; Pulley, Wendy; Johnson, Darlene M (dmjohnson11@ncdot.gov)
Subject: Electric Membership Corp transmission outage update--Sunday, 10AM

Joe,

Here is the update you requested, for Sunday morning, on the Electric Membership Corp's transmission fault/outage along the Bonner Bridge in Dare County—

--Conference call (10 AM) with Electric Membership Corp: Nelle Hotchkiss, Jay Rouse, and Lee Ragsdale provided update on transmission outage

--Temporary power stable on Hatteras Island—9 (2 MW) generator units operating

--EMC focused on generating more stable load for Hatteras Island—Rodanthe, Waves, and Salvo (improving load and alignment)

--Temporary power stable on Ocracoke Island—2 (2 MW) generator units with 1 (1 MW) generator unit offline and placed in reserve

--Estimate 35MW load shared between Hatteras Island and Ocracoke Island

--6 of 9 (2 MW) generator units on Hatteras Island not working in grid mode—not able to sink to grid

--EMC to deploy 10-to-15 additional generator units on Hatteras Island to increase and stabilize load

--Park Service and local law enforcement will secure additional generator units on Hatteras Island

--Developing engineering plan for deployment and configuration of additional generator units—may be available today

--Timetable for additional load (33MW, 45MW) from new and existing generator units not determined

--Additional EMC manpower and resources moving forward for repair and restoration efforts

--Division of Emergency Management will troubleshoot size, weight, and other generator unit transport issues

--Dare County advises that visitor re-entry on Hatteras Island cannot occur until 33 MW of stable load is available

- Generator units on Hatteras Island and Ocracoke Island operating under severe conservation measures—generator units may experience, 10-to-30 minute, downtime for maintenance
- Repair parts for permanent (3 MW) diesel generator unit on Ocracoke Island in progress—return to service date unknown
- EMC continues to monitor load and generator maintenance around the clock—goal to provide stable load for Hatteras Island and Ocracoke Island residents and visitors (re-entry)
- Crews continue to excavate area to reach transmission cable and determine extent and nature of damage
- Crews determined all 3 transmission cables significantly damaged (severed)
- EMC considering best temporary options for repair and service restoration—repair (splice) cables vs. construct overhead transmission line
- EMC securing crews and material for repair options—may take 2 weeks
- Repair and restoration (transmission cable, permanent generation, and generator units) dependent on weather conditions on Hatteras Island and Ocracoke Island—pending weather conditions may delay repair and restoration efforts
- Ferry Division: scheduled fuel delivery for generators, from Swan Quarter, at 7AM and 1 PM, admended schedule for Hatteras/Ocracoke route departures
- Dare County and Hyde County—no unmet needs, other than return to economic normalcy
- Dare County stressed the importance of returning to economic normalcy as soon as possible—in need of a viable short term solution for 33 MW-to-45 MW load on Hatteras Island
- Staff at state EOC assigned to handle any resource requests for Dare County or Hyde County over weekend
- State EOC not activated but key staff on immediate call-back
- Conference call scheduled for Sunday, 7/30, at 4 PM—(919) 715-1909

Call me if you have questions, or need additional information.

Thanks,

Steve

From: Webster, Katie
Sent: Sunday, July 30, 2017 8:30 AM
To:

Subject: Cape Hatteras Weather Overview

Good Morning,

The drying trend will continue today across the Outer Banks as a much more pleasant air mass builds into the area. Any lingering showers are expected to clear by early afternoon. Highs today are expected to be in the upper 70s to mid 80s and gusty winds will persist throughout the day at 30-35 mph. Below average temperatures, low humidity, and dry conditions will continue through early week. A strong cold front will bring the chance for showers and thunderstorms by Saturday.

Point Forecast for Hatteras:

Sunday: Partly Sunny/Breezy, High: 79°F (20-25 mph)/Low: 70°F

Monday: Mostly Sunny/Breezy, High: 79°F (20-25 mph)/Low: 71°F

Tuesday: Sunny, High: 83°F/Low: 76°F

Wednesday: Sunny, High: 83°F/Low: 76°F

Please let me know if you have any questions!

Katie Webster

Natural Hazards Branch Manager

Meteorologist

NC Department of Public Safety

NC Emergency Management

1636 Gold Star Drive, JFHQ, Room 608

Raleigh, NC 27607

Office: (919) 825-2299

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Steven F. Davis

Infrastructure Manager

NC Department of Public Safety

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FW: Electric Membership Corp transmission outage update--Sunday, 4PM

From: Steve.Davis@ncdps.gov
To: Johnathan.Moon@ncdps.gov, Imani.West@ncdps.gov
Sent: August 4, 2017 11:58:01 AM EDT
Received: August 4, 2017 11:58:02 AM EDT

From: Davis, Steve
Sent: Sunday, July 30, 2017 6:24 PM
To: Sprayberry, Mike; Wright, Joe; Daniska, Mike; Polk, Will; Brown, Todd; HOTCHKISS, Nelle; Rouse, Jay; lee.ragsdale@ncemcs.com; Duncan, Russell
Cc: Curtis, Dianne; Davis, Oscar; Pulley, Wendy; Wendelgass, Tommy; Wisbey, Glenn; Weavil, Gregory; Webster, Katie; Cameron, Abby; Barnes, Brian; Payne-Hurley, Persia; Kellen, Joshua L.; MCGRAW, Emily; Tant, Chris; TSAI, David; Brian.Franklin@duke-energy.com; Aspey, Darryl; Wilson, Clarice; PEKRUN, Pam; PANZER, Louis; Waldroup, Kenneth; johnnyspencer@tyrrellcounty.net; 'jedixon@ncdot.gov'; dmjohnson11@ncdot.gov
Subject: Electric Membership Corp transmission outage update--Sunday, 4PM

Joe,

Here is the update you requested, for Sunday afternoon, on the Electric Membership Corp's transmission fault/outage along the Bonner Bridge in Dare County—

--Conference call (4 PM) with Electric Membership Corp: Nelle Hotchkiss, Jay Rouse, and Lee Ragsdale provided update on transmission outage

--Temporary power stable on Hatteras Island—9 (2 MW) generator units operating

--EMC focused on generating more stable load for Hatteras Island—Rodanthe, Waves, and Salvo (improving load and alignment)

--Temporary power stable on Ocracoke Island—2 (2 MW) generator units with 1 (1 MW) generator unit offline and placed in reserve

--Estimate 35MW load shared between Hatteras Island and Ocracoke Island

--6 of 9 (2 MW) generator units on Hatteras Island not working in grid mode—not able to sink to grid

--EMC to deploy 10-to-15 additional generator units on Hatteras Island to increase and stabilize load

--Park Service and local law enforcement will secure additional generator units on Hatteras Island

--Developed engineering plan for deployment and configuration of additional generator units—configuration issues need to be worked out, but best solution to increase generation on Hatteras Island

--Expect plan to move load on Hatteras Island to 35 MW to supplement 15 MW load in Buxton

--Deploying 2 mobile 20 MW substations to connect generator units to 115Kv transmission lines on Hatteras Island

--Setting up switch gear to tie generation together—building a mobile plant to sync and energize circuits on Hatteras Island

- Setting up mobile substation involves moving large amount of equipment onto Hatteras Island
- EMC locating additional generator units and other equipments, and moving materials and equipment to Hatteras Island as quickly as possible
- Must sync new temporary generation to work with permanent generation
- Switch gear and mobile substations to arrive Monday—estimate additional load online in 36 hours
- Additional EMC manpower and resources moving forward for repair and restoration efforts
- Division of Emergency Management will troubleshoot size, weight, and other generator unit transport issues
- EMC working with Gregory Poole to identify location of generator units tonight—to identify state contacts to work transportation issues
- Dare County advises that visitor re-entry on Hatteras Island cannot occur until 33 MW of stable load is available
- Generator units on Hatteras Island and Ocracoke Island operating under severe conservation measures—generator units may experience, 10-to-30 minute, downtime for maintenance
- Repair parts for permanent (3 MW) diesel generator unit on Ocracoke Island in progress
- EMC continuing to work on permanent generation on Ocracoke Island—but not combining Ocracoke Island load issues with Hatteras Island load issues
- EMC continues to monitor load and generator maintenance around the clock—goal to provide stable load for Hatteras Island and Ocracoke Island residents and visitors (re-entry)
- Crews continue to excavate area to reach transmission cables and determine extent and nature of damage
- Crews determined all 3 transmission cables significantly damaged
- Crews repairing (splicing) 1 transmission cable, looking for faults in remaining 2 buried transmission cable and along bridge
- Considering constructing overhead transmission for more-permanent temporary and stable load on Hatteras Island and Ocracoke Island—best option
- EMC securing crews and material for repair options—may take 2 weeks (construction overhead transmission lines, 36 hours for mobile substation/generator unit configuration)
- Repair and restoration (transmission cable, permanent generation, and generator units) dependent on weather conditions on Hatteras Island and Ocracoke Island
- Anticipate no environmental concerns constructing overhead transmission lines
- Ferry Division: amended schedule on route departures, scheduled fuel delivery for generators at 7AM and 1 PM
- Dare County and Hyde County—no unmet needs, other than return to economic normalcy

--Dare County stressed the importance of returning to economic normalcy as soon as possible—in need of a viable short term solution for 33 MW-to-45 MW load on Hatteras Island

--Dare County request EMC to expedite identification and movement of equipment to shorten 36 hour timeframe (35 MW)

--Hyde County concerned Hatteras Island load issues will impact forward resolution of Ocracoke Island load issues.

--Hyde County interested in seeking federal or state assistance to mitigate impact of event of Ocracoke Island residents

--Staff at state EOC assigned to handle any resource requests for Dare County or Hyde County over weekend

--State EOC not activated but key staff on immediate call-back

--Conference call scheduled for Monday, 7/31, at 10 AM, and, 4 PM—(919) 715-1909

Call me if you have questions, or need additional information.

Thanks,

Steve

Steven F. Davis

Infrastructure Manager

NC Department of Public Safety

Emergency Management

(919) 825-2309, Office

(919) 825-2428, NC Emergency Operations Center

Steve.Davis@ncdps.gov

www.ncdps.gov

"You have to go the way your blood beats.

If you don't live the only life you have,

you won't live some other life,

you won't live any life at all."

James Baldwin

FW: EMC transmission outage (Dare County/Hyde County) update—Thurs., 10AM

From: Steve.Davis@ncdps.gov
To: Johnathan.Moon@ncdps.gov, Imani.West@ncdps.gov
Sent: August 4, 2017 11:59:38 AM EDT
Received: August 4, 2017 11:59:38 AM EDT
Attachments: Bonner-Bridge-Repairs.png

From: Davis, Steve

Sent: Thursday, August 03, 2017 12:33 PM

To: Sprayberry, Mike; Wright, Joe; Daniska, Mike; Polk, Will; Brown, Todd; Duncan, Russell; Curtis, Dianne; Pulley, Wendy; Wisbey, Glenn; Weavil, Gregory; Webster, Katie; Cameron, Abby; Barnes, Brian; Payne-Hurley, Persia; Kellen, Joshua L.; 'MCGRAW, Emily'; Tant, Chris; 'TSAL, David'; 'Brian.Franklin@duke-energy.com'; Aspey, Darryl; Wilson, Clarice; 'PEKRUN, Pam'; 'PANZER, Louis'; 'Waldroup, Kenneth'; 'johnnyspencer@tyrrellcounty.net'; 'jedixon@ncdot.gov'; 'dmjohnson11@ncdot.gov'; GRANEY, Justin; 'Bock, Christopher J'; Dodrill, Keith A. (Keith.Dodrill@NETL.DOE.GOV); tgalloway@natf.net; POWERS, Steve; COOK, Mike; Wedig, Dawn; Thomas, Diana
Cc: Hotchkiss, Nelle; Rouse, Jay; 'lee.ragsdale@ncemcs.com'; DAVIS, Oscar; DAVIS, Steven; Wendelgass, Tommy; GARRETT, Steven; STACEY, Bobbitt; West, Imani

Subject: EMC transmission outage (Dare County/Hyde County) update—Thurs., 10AM

Please see Electric Membership Corp's transmission outage (Dare County/Hyde County) update for, Thursday, 8/3.

--Conference call (10AM) w/Electric Membership Corp: Lee Ragsdale, Nelle Hotchkiss, and Jay Rouse provide update on transmission outage—

Temporary generation

--Power stable on Hatteras Island—9 (2 MW) generator units operating

--Power stable on Ocracoke Island—2 (2 MW) generator units operating w/1 (1 MW) generator unit in reserve

--Generators not in grid mode on Hatteras Island—6 of 9 (2 MW) generator units

--Provide stable (33 MW) load for Hatteras Island in short timeframe

--Test sync generation from Avon substation for Hatteras Island

--Switch additional circuit onto generator unit (3MW) on Ocracoke Island

--Permanent generator units on Hatteras Island and Ocracoke Island operational

--Power restoration on Hatteras Island not linked to power restoration on Ocracoke Island

--Power conservation measure in effect on Hatteras Island and Ocracoke Island

--Load monitored and generator maintenance around the clock on Hatteras Island and Ocracoke Island

Underground solution

--Crews stop excavation for 3rd transmission cable

--Crews ready to repair (splice) 3rd transmission cable when conditions permit

Overhead solution

--Crews complete overhead transmission line construction

--Crews terminate transmission cables into overhead transmission line

--Energize overhead transmission line

--Test reliability overhead transmission line

--Add load to overhead transmission line

--Load-added outage on Hatteras Island and Ocracoke Island

--Schedule/duration load-added outage on Hatteras Island and Ocracoke Island

--Crews pull wire—connect constructed transmission line to existing transmission line

--Crews set all poles for overhead transmission line—hardware in place

--Estimated timeframe full transmission to Hatteras Island and Ocracoke Island on-schedule

--No environmental concern on overhead transmission line construction

Visitor Reentry

--Coordinate reentry onto Hatteras Island and Ocracoke Island among reentry stakeholders—Ferry Division, SHP, NCEM, Dare County, Hyde County, others

--Dare County direct reentry (at Bonner Bridge) question/issue to—(252) 475-5655

--Dare County return to economic normalcy mitigate unmet need

--Dare County advise visitor reentry on Hatteras Island link to availability stable (33 MW) load

--Hyde County collect economic loss data—identify significant unmet need

Other

--Best option: overhead transmission line construction (concentrate resources)

--Proof of concept temporary generation on Hatteras Island

--Power restoration dependent on weather conditions on Hatteras Island and Ocracoke Island

--Bonner-Bridge-Repairs.png graphic from Carolina Country/North Carolina's Electric Cooperatives

--OBX outage from space—<https://earthobservatory.nasa.gov/NaturalHazards/view.php?id=90658&src=twitter-nh>

--State EOC Level 5—key staff on call-back

--Conference call Thursday, 8/03, at 4PM—(919) 715-1909

Call me if you have questions, or need additional information.

Thank you,

Steve

Steven F. Davis

Infrastructure Manager

NC Department of Public Safety

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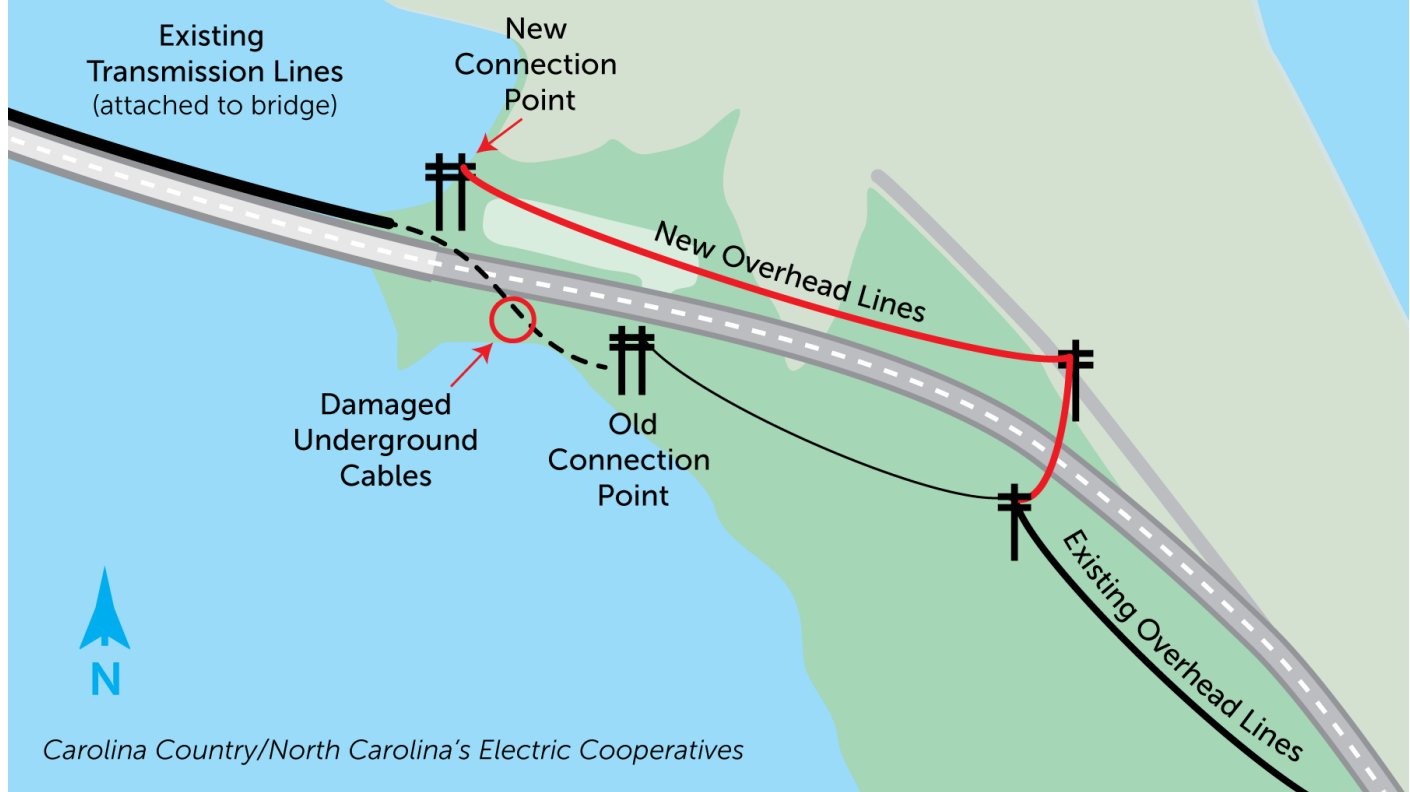
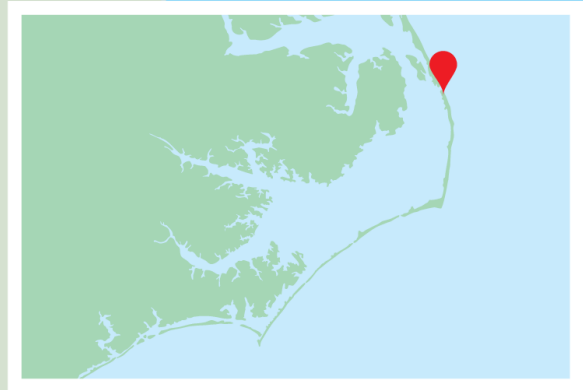
Attachment #1

Bonner-Bridge-Repairs.png

Image

CHEC Bonner Bridge Transmission Repairs

On July 27, a bridge construction crew accidentally damaged transmission cables serving Hatteras and Ocracoke islands. Cape Hatteras Electric Cooperative is restoring transmission service with new overhead lines.



FW: EMC transmission outage (Dare County/Hyde County) update—Thurs., 4PM

From: Steve.Davis@ncdps.gov
To: Johnathan.Moon@ncdps.gov, Imani.West@ncdps.gov
Sent: August 4, 2017 11:59:53 AM EDT
Received: August 4, 2017 11:59:53 AM EDT
Attachments: Bonner-Bridge-Repairs.png

From: Davis, Steve
Sent: Thursday, August 03, 2017 5:01 PM
To: Sprayberry, Mike; Wright, Joe; Daniska, Mike; Polk, Will; Brown, Todd; Duncan, Russell; Curtis, Dianne; Pulley, Wendy; Wisbey, Glenn; Weavil, Gregory; Webster, Katie; Cameron, Abby; Barnes, Brian; Payne-Hurley, Persia; Kellen, Joshua L.; 'MCGRAW, Emily'; Tant, Chris; 'TSAL, David'; 'Brian.Franklin@duke-energy.com'; Aspey, Darryl; Wilson, Clarice; 'PEKRUN, Pam'; 'PANZER, Louis'; 'Waldroup, Kenneth'; 'johnnyspencer@tyrrellcounty.net'; 'jedixon@ncdot.gov'; 'dmjohnson11@ncdot.gov'; GRANEY, Justin; 'Bock, Christopher J'; Dodrill, Keith A. (Keith.Dodrill@NETL.DOE.GOV); tgalloway@natf.net; POWERS, Steve; COOK, Mike; Wedig, Dawn; Thomas, Diana
Cc: Hotchkiss, Nelle; Rouse, Jay; 'lee.ragsdale@ncemcs.com'; DAVIS, Oscar; DAVIS, Steven; Wendelgass, Tommy; GARRETT, Steven; STACEY, Bobbitt; West, Imani
Subject: EMC transmission outage (Dare County/Hyde County) update—Thurs., 4PM

Please see Electric Membership Corp's transmission outage (Dare County/Hyde County) update for, Thursday, 8/3.

--Conference call (4PM) w/Electric Membership Corp: Lee Ragsdale, Nelle Hotchkiss, and Jay Rouse provide update on transmission outage—

Overhead solution

--EMC restore full transmission to Hatteras Island and Ocracoke Island

--Crews complete overhead transmission line construction

--Crews terminate transmission cables into overhead transmission line

--Energize overhead transmission line

--Test reliability overhead transmission line

--Add load to overhead transmission line

--Load-added outage on Hatteras Island and Ocracoke Island

--Schedule/duration load-added outage on Hatteras Island and Ocracoke Island

--Crews pull wire—connect constructed transmission line to existing transmission line

--Crews set all poles for overhead transmission line—hardware in place

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--No environmental concern on overhead transmission line construction

Visitor Reentry

--Coordinate reentry Hatteras Island and Ocracoke Island with reentry stakeholders—Ferry Division, SHP, NCEM, Dare County, Hyde County, EMC, others

--Communicate timeline reentry Hatteras Island and Ocracoke Island with reentry stakeholders

--Ferry Division continued support from SHP for Swan Quarter, Cedar Island, Hatteras through Sunday

--Dare County direct reentry (at Bonner Bridge) question/issue to—(252) 475-5655

--Dare County return to economic normalcy mitigate unmet need

--Dare County advise visitor reentry on Hatteras Island link to availability stable (33 MW) load

--Hyde County collect economic loss data—identify significant unmet need

Temporary generation

--Power stable on Hatteras Island—9 (2 MW) generator units operating

--Power stable on Ocracoke Island—2 (2 MW) generator units operating w/1 (1 MW) generator unit in reserve

--Generators not in grid mode on Hatteras Island—6 of 9 (2 MW) generator units

--Provide stable (33 MW) load for Hatteras Island in short timeframe

--Test sync generation from Avon substation for Hatteras Island

--Switch additional circuit onto generator unit (3MW) on Ocracoke Island

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--Power restoration on Hatteras Island not linked to power restoration on Ocracoke Island

--Power conservation measure in effect on Hatteras Island and Ocracoke Island

--Load monitored and generator maintenance around the clock on Hatteras Island and Ocracoke Island

--Plan demobilize temporary generator units on Hatteras Island and Ocracoke Island

Underground solution

--Crews stop excavation for 3rd transmission cable

--Crews ready to repair (splice) 3rd transmission cable when conditions permit

Other

--Conference call Friday, 8/04, at 10AM—(919) 715-1909

--Best option: overhead transmission line construction (concentrate resources)

--Proof of concept temporary generation on Hatteras Island

--Power restoration dependent on weather conditions on Hatteras Island and Ocracoke Island

--Bonner-Bridge-Repairs.png graphic from Carolina Country/North Carolina's Electric Cooperatives

--OBX outage from space—<https://earthobservatory.nasa.gov/NaturalHazards/view.php?id=90658&src=twitter-nh>

--State EOC Level 5—key staff on call-back

Call me if you have questions, or need additional information.

Thank you,

Steve

Steven F. Davis

Infrastructure Manager

NC Department of Public Safety

Division of Emergency Management

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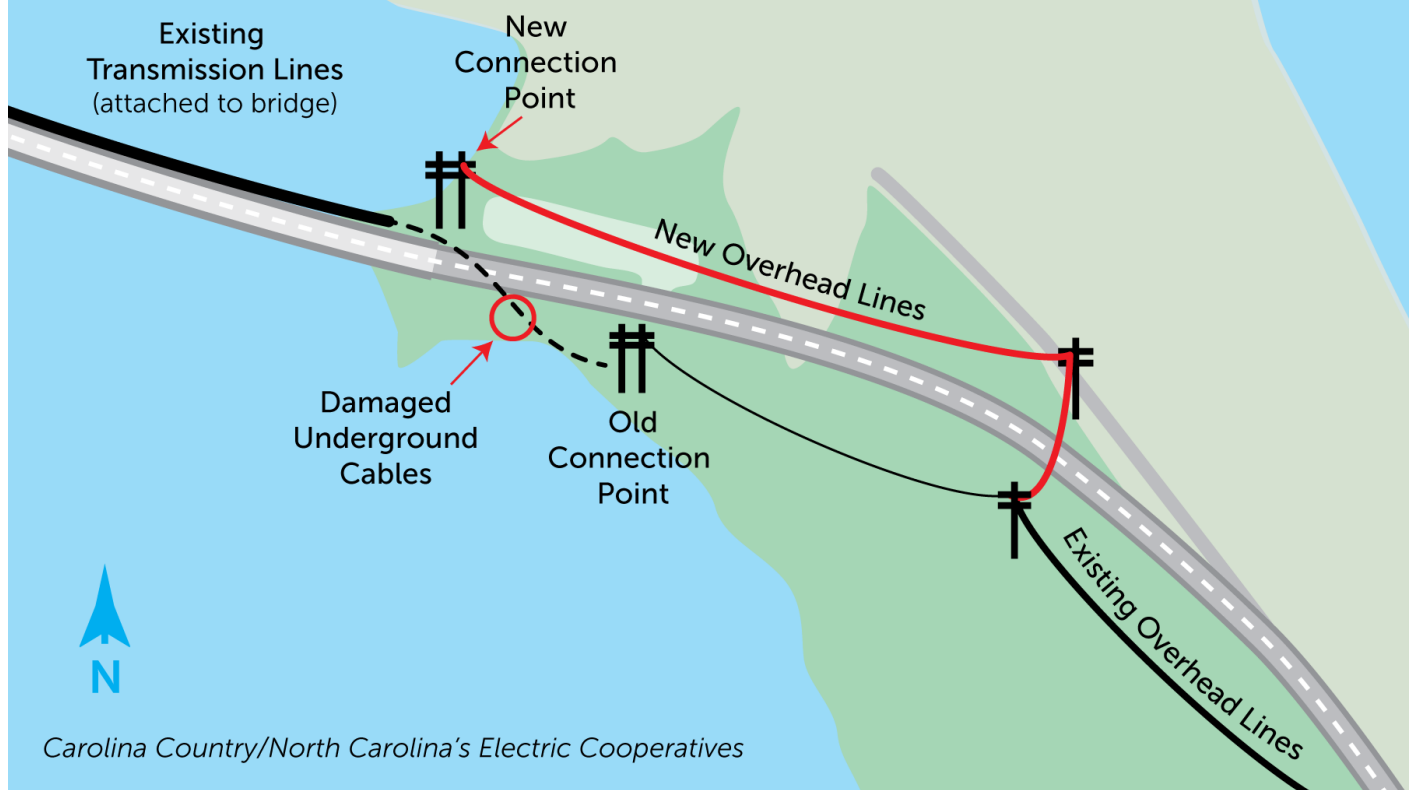
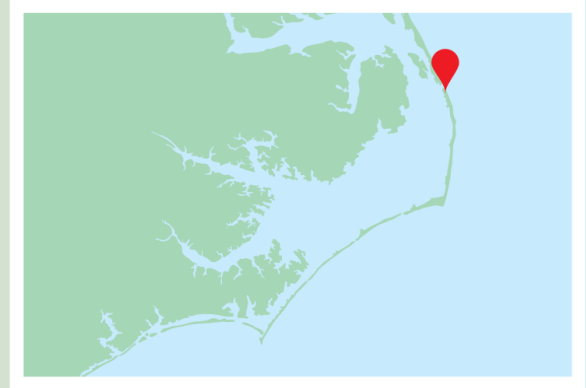
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Bonner-Bridge-Repairs.png

Image

CHEC Bonner Bridge Transmission Repairs

On July 27, a bridge construction crew accidentally damaged transmission cables serving Hatteras and Ocracoke islands. Cape Hatteras Electric Cooperative is restoring transmission service with new overhead lines.



FW: EMC transmission outage (Dare County/Hyde County) update—Thurs., 5PM

From: Steve.Davis@ncdps.gov
To: Johnathan.Moon@ncdps.gov, Imani.West@ncdps.gov
Sent: August 4, 2017 12:00:09 PM EDT
Received: August 4, 2017 12:00:10 PM EDT

From: Davis, Steve
Sent: Thursday, August 03, 2017 5:34 PM
To: Sprayberry, Mike; Wright, Joe; Daniska, Mike; Polk, Will; Brown, Todd; Duncan, Russell; Curtis, Dianne; Pulley, Wendy; Wisbey, Glenn; Weavil, Gregory; Webster, Katie; Cameron, Abby; Barnes, Brian; Payne-Hurley, Persia; Kellen, Joshua L.; 'MCGRAW, Emily'; Tant, Chris; 'TSAL, David'; 'Brian.Franklin@duke-energy.com'; Aspey, Darryl; Wilson, Clarice; 'PEKRUN, Pam'; 'PANZER, Louis'; 'Waldroup, Kenneth'; 'johnnyspencer@tyrrellcounty.net'; 'jedixon@ncdot.gov'; 'dmjohnson11@ncdot.gov'; GRANEY, Justin; 'Bock, Christopher J'; Dodrill, Keith A. (Keith.Dodrill@NETL.DOE.GOV); tgalloway@natf.net; POWERS, Steve; COOK, Mike; Wedig, Dawn; Thomas, Diana
Cc: Hotchkiss, Nelle; Rouse, Jay; 'lee.ragsdale@ncemcs.com'; DAVIS, Oscar; DAVIS, Steven; Wendelgass, Tommy; GARRETT, Steven; STACEY, Bobbitt; West, Imani
Subject: EMC transmission outage (Dare County/Hyde County) update—Thurs., 5PM

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Overhead solution

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Visitor Reentry

--Visitor reentry Hatteras Island and Ocracoke Island begin Friday, 12PM

--Coordinate reentry Hatteras Island and Ocracoke Island with reentry stakeholders—Ferry Division, SHP, NCEM, Dare County, Hyde County, EMC, others

--Communicate timeline reentry Hatteras Island and Ocracoke Island with reentry stakeholders

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Other

--Conference call Friday, 8/04, at 10AM—(919) 715-1909

--Best option: overhead transmission line construction (concentrate resources)

--Proof of concept temporary generation on Hatteras Island

--Power restoration dependent on weather conditions on Hatteras Island and Ocracoke Island

--Bonner-Bridge-Repairs.png graphic from Carolina Country/North Carolina's Electric Cooperatives

--OBX outage from space—<https://earthobservatory.nasa.gov/NaturalHazards/view.php?id=90658&src=twitter-nh>

--State EOC Level 5—key staff on call-back

Call me if you have questions, or need additional information.

Thank you,

Steve

Steven F. Davis

Infrastructure Manager

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FW: EMC transmission outage (Dare County/Hyde County) final update, Fri., 10AM

From: Steve.Davis@ncdps.gov
To: Johnathan.Moon@ncdps.gov, Imani.West@ncdps.gov
Sent: August 4, 2017 12:00:37 PM EDT
Received: August 4, 2017 12:00:38 PM EDT

From: Davis, Steve
Sent: Friday, August 04, 2017 11:52 AM
To: Sprayberry, Mike; Wright, Joe; Daniska, Mike; Polk, Will; Brown, Todd; Duncan, Russell; Curtis, Dianne; Pulley, Wendy; Wisbey, Glenn; Weavil, Gregory; Webster, Katie; Cameron, Abby; Barnes, Brian; Payne-Hurley, Persia; Kellen, Joshua L.; 'MCGRAW, Emily'; Tant, Chris; 'TSAL, David'; 'Brian.Franklin@duke-energy.com'; Aspey, Darryl; Wilson, Clarice; 'PEKRUN, Pam'; 'PANZER, Louis'; 'Waldroup, Kenneth'; 'johnnyspencer@tyrrellcounty.net'; 'jedixon@ncdot.gov'; 'dmjohnson11@ncdot.gov'; GRANEY, Justin; 'Bock, Christopher J'; Dodrill, Keith A. (Keith.Dodrill@NETL.DOE.GOV); tgalloway@natf.net; POWERS, Steve; COOK, Mike; Wedig, Dawn; Thomas, Diana; Moon, Johnathan; West, Imani
Cc: Hotchkiss, Nelle; Rouse, Jay; 'lee.ragsdale@ncemcs.com'; DAVIS, Oscar; DAVIS, Steven; Wendelgass, Tommy; GARRETT, Steven; STACEY, Bobbitt
Subject: EMC transmission outage (Dare County/Hyde County) final update, Fri., 10AM

Please see Electric Membership Corp's transmission outage (Dare County/Hyde County) final update for, Friday, 8/4.

--Conference call (10AM) w/Electric Membership Corp: Nelle Hotchkiss, and Jay Rouse provide update on transmission outage—

Visitor Reentry

--Coordinate/communicate Hatteras Island and Ocracoke Island reentry issue among reentry stakeholders

--Continue support from SHP for Ferry Division visitor reentry

--Ferry Division resume summer schedule Sound routes—Swan Quarter, Cedar Island, Ocracoke, Hatteras

--State of Emergency—no restrictions

--Visitor reentry Hatteras Island and Ocracoke Island begin Friday, 12PM

Overhead solution

--EMC restore full transmission Hatteras Island and Ocracoke Island

--No environmental concern overhead transmission line construction

Temporary generation

--Continue demobilize temporary generator units Hatteras Island and Ocracoke Island

--EO allow return/movement through North Carolina

Underground solution

--Crews stop excavation 3rd transmission cable

--Crews repair (splice) 3rd transmission cable when conditions permit

Other

--No additional follow-up conference call/update schedule

--Bonner-Bridge-Repairs.png graphic from Carolina Country/North Carolina's Electric Cooperatives

--Best option: overhead transmission line construction

--Proof of concept temporary generation Hatteras Island

--OBX outage from space—<https://earthobservatory.nasa.gov/NaturalHazards/view.php?id=90658&src=twitter-nh>

--State EOC Level 5

Call me if you have questions, or need additional information.

Thank you,

Steve

Steven F. Davis

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www.readync.org <<http://www.readync.org/>>

Hyde County Sitrep (Ocracoke Island)

To: nelle.hotchkiss@ncemcs.com, jay.rouse@ncemcs.com, Tommy.Wendelgass@ncdps.gov, Steve.Davis@ncdps.gov, Todd.Brown@ncdps.gov, Mike.Sprayberry@ncdps.gov, Joe.Wright@ncdps.gov, Mike.Daniska@ncdps.gov, Darryl.Aspey@dhs.gov, Will.Polk@ncdps.gov, Davis,Steve, Cameron, Abby, Howard, John, Donny-Steele-Nicholson, Mary K., Patterson, Mike, Stocks, Lee, Dixon, Carlotta, Howard, David L, Beaty, Greer B, Justin Gibbs (justin.gibbs@hydecourtynnc.gov), Bill Rich, Lewis,Robert W, Trogdon, James H, Drew Pearson (drew.pearson@darenc.com), jedixon@ncdot.gov, Oscar.Davis@ncdps.gov, Brian.Barnes@ncdps.gov, Abby.Cameron@ncdps.gov, Gregory.Weavil@ncdps.gov, Katie.Webster@ncdps.gov, Russell.duncan@ncdenr.gov, Chris.Tant@ncdps.gov, Dianne.Curtis@ncdps.gov, emcgraw@ncdot.gov, jlkellen@ncdot.gov, Glenn.Wisbey@ncdps.gov, Wright, Joe, Sprayberry, Mike, Brown,Todd, Daniska, Mike, Polk, Will, Charles.Laird@ncdps.gov, Nolan.Fry@raleighnc.gov, Davis, Steve (NCEM), Johnny Spencer, Kenneth.Waldroup@raleighnc.gov, Austin, Michael D, Chris Watson, Credle, Jeff M, david, David Marriott, Davis, Johnnie B, Dismal Swamp Welcome Center, Dixon, John E, EllenBlackmon, SVC_DOT . FerryReservations, Gray, Jarvis K, gwcagency, Hass, Timothy D, Hollowell, Sherry D, Home Patty Davis-Hanson(), jaros, John McCotter, Josh Porter, Kate Metts, ken buday, Kinner, Susan H, Larry Horton, Laura Goldenbaum-Yang, Lewis, Karen M, martinez, Mary Hill, Mary Hill,Home, Meister, Nicole D, Melinda Pendava, Michael Barton, Michelle Barton, patty hanson, Piner, Charles H, Rebecca Sotirkys (), Rivenbark, Rembert R, SERENA LEE, Sparks, Stacey P, Stegall, Keith M, Davis,Steve (NCEM), top . scott, Town Dock News, TWC News, Vanessa Bell, Wade, Adron G, news, Whitehurst, Roger W, WNCT, lee.ragsdale@ncemcs.com, Davis, Steve(NCEM), Sparks,Stacey P, Ellen Blackmon, MaryHill, Home, Meister,Nicole D, Gray,Jarvis K, RebeccaSotirkys (), Wade,Adron G, Hass,Timothy D, Undisclosed recipients, ncc@hq.dhs.gov, Wendy.Pulley@ncdps.gov, Persia.Payne-Hurley@ncdps.gov, David.Tsai@duke-energy.com, Brian.Franklin@duke-energy.com, clarice.wilson@electricities.com, pam.pekrun@dom.com, louis@nc811.org, johnnyspencer@tyrrellcounty.net, dmjohnson11@ncdot.gov, Justin.Graney@ncdps.gov, cjbock@ncdot.gov, Keith.Dodrill@NETL.DOE.GOV, tgalloway@natf.net, Steve.Powers@ncdps.gov, Mike.Cook@ncdps.gov, Dawn.Wedig@ncdps.gov, Diana.Thomas@ncdps.gov, Johnathan.Moon@ncdps.gov, Imani.West@ncdps.gov

Cc: Todd.Brown@ncdps.gov, Oscar.Davis@ncdps.gov, Tommy.Wendelgass@ncdps.gov, Dianne.Curtis@ncdps.gov, Brian.Parnell@ncdps.gov, Gregory.Weavil@ncdps.gov, Corey.Johnson@ncdps.gov, Abby.Cameron@ncdps.gov, Brian.Barnes@ncdps.gov, Wendy.Pulley@ncdps.gov, Katie.Webster@ncdps.gov, Diana.Thomas@ncdps.gov, Kevin.Kalbaugh@ncdps.gov, Russell.duncan@ncdenr.gov, nelle.hotchkiss@ncemcs.com, jay.rouse@ncemcs.com, Persia.Payne-Hurley@ncdps.gov, Steve.Powers@ncdps.gov, Mike.Cook@ncdps.gov, Steve.Garrett@ncdps.gov, Stacey.Bobbitt@ncdps.gov, Kenneth.Waldroup@raleighnc.gov, jedixon@ncdot.gov, emcgraw@ncdot.gov, Steve.Davis@ncdps.gov, McGrath, William J, Gurganus, Bradford A, Hunnings, Arleen G, Barrow, Randy K, Oneal, Kimberly M, Clark, Rachel S, Lewis, Karen M, Willis, Mary P, Baker,Sterling D, Hass, Timothy D, Bryson, George D, Bock, Christopher J, Stegall, Keith M, Davis, Steve(NCEM), OMalley, Taryn E, Davis, Oscar, Wendelgass, Tommy, Hotchkiss, Nelle, Jennings, Jerry D, Glenn.Wisbey@ncdps.gov, lee.ragsdale@ncemcs.com, Darryl.Aspey@dhs.gov, jlkellen@ncdot.gov, dmjohnson11@ncdot.gov, David.Tsai@duke-energy.com, Brian.Franklin@duke-energy.com, pam.pekrun@dom.com, clarice.wilson@electricities.com, Chris.Tant@ncdps.gov, Carla.Bissette@ncdps.gov, Joe.Wright@ncdps.gov, johnnyspencer@tyrrellcounty.net, louis@nc811.org, Imani.West@ncdps.gov

Sent: July 27, 2017 3:51:10 PM EDT

Received: July 27, 2017 3:51:11 PM EDT

CHEC Press Release

From: Hotchkiss, Nelle <nelle.hotchkiss@ncemcs.com>
To: Steve Davis <Steve.Davis@ncdps.gov>
Sent: July 28, 2017 10:53:43 AM EDT
Received: July 28, 2017 10:55:53 AM EDT
Attachments: Final Morning Outage Press Release 7.28.17.pdf, ATT00001.txt

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Attachment #1

Final Morning Outage Press Release 7.28.17.pdf

Original view

1 page



CAPE HATTERAS ELECTRIC COOPERATIVE

P.O. Box 9

47109 Light Plant Road

BUXTON, NORTH CAROLINA 27920-0009

(252) 995-5616 (800) 454-5616 FAX (252) 995-4088

A Touchstone Energy® Cooperative 

FOR IMMEDIATE RELEASE

Contact: Laura Ertle

laurae@chec.coop

(252)995-5616

July 28, 2017

Buxton, NC, 9:00am – Cape Hatteras Electric Cooperative (CHEC) continues restoration efforts in the wake of a transmission outage caused by PCL Construction.

CHEC crews worked through the night to provide intermittent power via the diesel generating plant in Buxton and two portable generators staged in Avon and Waves. The portable generators struggled to carry the heavy load on these circuits, and CHEC members and visitors are asked to please minimize load. Additional portable generators have arrived on the island this morning, with more on the way.

The outage was caused when PCL Construction, the company, building the new Bonner Bridge, accidentally drove a steel casing into the cooperative's underground transmission cable on the south side of Oregon Inlet on Thursday morning, July 27.

The cooperative's transmission cable contractor is on the island this morning, as PCL works to excavate the site. Once this is complete and the extent of the damage is assessed, crews will create a time frame for the repair.

CHEC will supply temporary power through the Buxton diesel generator and portable generators until the transmission repairs are complete. These generators will only be able to run if load is at minimal levels and everyone is conserving. To minimize load, CHEC asks that everyone please turn off AC units and minimize other electrical usage.

Additional line crews from Brunswick EMC (Supply, N.C.) and Roanoke EMC (Aulander, N.C.), will arrive on the island today. These crews will help CHEC crews man the 9 portable generators that will require 24/7 watch.

For updates during this outage, follow Cape Hatteras Electric Cooperative on Facebook and Twitter and tune in to Radio Hatteras (99.9/101.5FM).

XXX

www.chec.coop

Attachment #2
ATT00001.txt

STATEMENT FROM CAPE HATTERAS EMC

To: Steve.Davis@ncdps.gov, Joe.Wright@ncdps.gov, Mike.Sprayberry@ncdps.gov, Todd.Brown@ncdps.gov, Mike.Daniska@ncdps.gov, Corey.Johnson@ncdps.gov, Gregory.Weavil@ncdps.gov, Oscar.Davis@ncdps.gov, Tommy.Wendelgass@ncdps.gov, Katie.Webster@ncdps.gov, Abby.Cameron@ncdps.gov, Brian.Barnes@ncdps.gov, Chris.Tant@ncdps.gov, Carla.Bissette@ncdps.gov, Greg.Welker@ncdps.gov, dmjohnson11@ncdot.gov, jlkellen@ncdot.gov, emcgraw@ncdot.gov, Kenneth.Waldroup@raleighnc.gov, Steve Davis, Davis,Steve, Darryl.Aspey@dhs.gov, Will.Polk@ncdps.gov, Cameron, Abby, Howard, John, Donny-Steele-Nicholson, Mary K., Patterson, Mike, Stocks, Lee, Dixon, Carlotta, Nolan.Fry@raleighnc.gov, Johnny Spencer, nelle.hotchkiss@ncemcs.com, jay.rouse@ncemcs.com, Russell.duncan@ncdenr.gov, lee.ragsdale@ncemcs.com, Dianne.Curtis@ncdps.gov, Wendy.Pulley@ncdps.gov, Glenn.Wisbey@ncdps.gov, Persia.Payne-Hurley@ncdps.gov, David.Tsai@duke-energy.com, Brian.Franklin@duke-energy.com, clarice.wilson@electricities.com, pam.pekrun@dom.com, louis@nc811.org, johnnyspencer@tyrrellcounty.net, jedixon@ncdot.gov, Justin.Graney@ncdps.gov, Keith.Doddrill@NETL.DOE.GOV, tgalloway@natf.net, Steve.Powers@ncdps.gov, Mike.Cook@ncdps.gov, ncc@hq.dhs.gov, Davis, Steve (NCEM), Dawn.Wedig@ncdps.gov, Diana.Thomas@ncdps.gov, cjbock@ncdot.gov, Johnathan.Moon@ncdps.gov, Imani.West@ncdps.gov

Cc: Dianne.Curtis@ncdps.gov, Todd.Brown@ncdps.gov, Gregory.Weavil@ncdps.gov, Corey.Johnson@ncdps.gov, Oscar.Davis@ncdps.gov, Abby.Cameron@ncdps.gov, Brian.Barnes@ncdps.gov, Wendy.Pulley@ncdps.gov, Tommy.Wendelgass@ncdps.gov, Katie.Webster@ncdps.gov, Diana.Thomas@ncdps.gov, Kevin.Kalbaugh@ncdps.gov, Russell.duncan@ncdenr.gov, nelle.hotchkiss@ncemcs.com, jay.rouse@ncemcs.com, Persia.Payne-Hurley@ncdps.gov, Steve.Powers@ncdps.gov, Mike.Cook@ncdps.gov, Steve.Garrett@ncdps.gov, Stacey.Bobbitt@ncdps.gov, Kenneth.Waldroup@raleighnc.gov, jedixon@ncdot.gov, emcgraw@ncdot.gov, Steve.Davis@ncdps.gov, Glenn.Wisbey@ncdps.gov, lee.ragsdale@ncemcs.com, Darryl.Aspey@dhs.gov, jlkellen@ncdot.gov, dmjohnson11@ncdot.gov, David.Tsai@duke-energy.com, Brian.Franklin@duke-energy.com, pam.pekrun@dom.com, clarice.wilson@electricities.com, Chris.Tant@ncdps.gov, Carla.Bissette@ncdps.gov, Joe.Wright@ncdps.gov, johnnyspencer@tyrrellcounty.net, louis@nc811.org, Justin.Graney@ncdps.gov, Imani.West@ncdps.gov

Sent: July 27, 2017 3:51:08 PM EDT

Received: July 27, 2017 3:51:19 PM EDT

RE: WebEOC Event

From: Chris.Tant@ncdps.gov
To: Steve.Davis@ncdps.gov
Sent: July 27, 2017 12:22:20 PM EDT
Received: July 27, 2017 12:22:21 PM EDT

Ok sir I will get it approved and send it out

Chris

From: Davis, Steve
Sent: Thursday, July 27, 2017 12:19 PM
To: Tant, Chris
Cc: Brown, Todd
Subject: RE: WebEOC Event

Chris,

Hey. We may have a few request from the counties impacted. Probably traffic control or some sheltering (because of heat) issues. May also need a oversize/overweight waiver for the generators to cross bridge and travel highway. So a WebEOC event maybe a good idea.

Thanks,

Steve

From: Tant, Chris
Sent: Thursday, July 27, 2017 12:16 PM
To: Davis, Steve
Subject: WebEOC Event

Any thoughts on creating a WebEOC event

Sent from my Verizon, Samsung Galaxy smartphone

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RE: Bonner-Bridge-Repairs.png

From: Steve.Davis@ncdps.gov
To: nelle.hotchkiss@ncemcs.com
Sent: August 3, 2017 12:28:34 PM EDT
Received: August 3, 2017 12:28:36 PM EDT

Ok.
Thank you.

-----Original Message-----

From: Hotchkiss, Nelle [mailto:nelle.hotchkiss@ncemcs.com]
Sent: Thursday, August 03, 2017 12:28 PM
To: Davis, Steve
Subject: Re: Bonner-Bridge-Repairs.png

Yes.

Sent from my iPad

On Aug 3, 2017, at 12:26 PM, Davis, Steve <Steve.Davis@ncdps.gov> wrote:

Caution: This is an EXTERNAL email.

Nelle,

Hey. Thanks. Is this okay to send out?

Steve

-----Original Message-----

From: Hotchkiss, Nelle [mailto:nelle.hotchkiss@ncemcs.com]
Sent: Thursday, August 03, 2017 12:17 PM
To: Sprayberry, Mike; Davis, Steve
Cc: Rouse, Jay
Subject: Bonner-Bridge-Repairs.png

Here is the final version. Thanks for all your support. Nelle

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Advisory 1 - OBX Power Outage

From: Brian.Barnes@ncdps.gov
To: EMGroupEmergencyServices@ncdps.gov
Cc: SERTEmergencyServices@ncdps.gov
Sent: July 27, 2017 6:28:14 PM EDT
Received: July 27, 2017 6:28:15 PM EDT
Attachments: image003.png

To all,

FYSA. We are not currently planning to activate the SEOC, however the primary transmission line that feeds the outer banks from Bonner Bridge to Ocracoke has been damaged resulting in an extended power outage with an unknown restoration time.

Hyde county is going to issue a mandatory evacuation of all visitors on Ocracoke island. NCEM is working on a potential state of emergency to get transportation waivers to aid in bringing in additional power generation capability. There has been an event established in WebEOC called Outer Banks Power Outage.

We have had a single resource request for some law enforcement support to help Hyde county with security at the ferry terminals.

Additional details can be found below and we will have more information to follow as we get additional updates. If you have any questions or concerns please do not hesitate to reach out.

Thanks,
Brian

Brian Barnes
Emergency Services Branch Manager
NC Emergency Management
O: 919.825.2255
M: 919.815.5596

Sent from a mobile device, please excuse my brevity.

Begin forwarded message:

From: "Davis, Steve" <Steve.Davis@ncdps.gov>
Date: July 27, 2017 at 17:48:12 EDT
To:
Subject: Electric Membership transmission outage update--Thursday, 4PM

Here is the update, for Thursday afternoon, you requested on the Electric Membership Corp's transmission fault/outage along the Bonner Bridge in Dare County—

--Conference call (4PM) with NC Electric Membership Corp: Nelle Hotchkiss, Jay Rouse, and Lee Ragsdale, to provide update on transmission outage

--Transmission fault occurred July 27th, between 4AM and 4:30AM, along Bonner Bridge in Dare County—no known injuries

--Contractor repairing Bonner Bridge damaged EMC transmission cable—extent of damage unknown

--Transmission line generally provides 50 MW load to service area

--Service area from Bonner Bridge, at Oregon Inlet, to Cape Hatteras, to Ocracoke without power

--No estimate on customer without power restoration

--ETOR not possible until assessment from specialty restoration contractor

--Specialty restoration contractor crew expected to arrive today—ETOR by tomorrow

--EMC personnel from Raleigh deployed to operate permanent generation in Buxton and Ocracoke

--Cape Hatteras EMC micro grid power assets online

--Cape Hatteras backup generation will provide 18 MW (normal load 50MW) between Cape Hatteras and Ocracoke

--Curtailment and feeder rotation in effect upon load generation on Ocracoke—2 hours with power, 4 hours without power

--All units (5) operating at Buxton (12MW)

--Unit at Ocracoke online this morning but tripped off this afternoon due to mechanical issues

--Repair crew enroute or on scene to assess repair needs

--Micro grid batteries at Ocracoke helping to maintain load at Buxton

--Using micro grid to control and conserve energy consumption on Ocracoke

--Temporary generators expected to arrive tomorrow for Ocracoke load

--May be able to serve some load on Ocracoke, overnight, from Buxton

--Current priority is to get mobile generators to Hatteras—two generator units arrived, 3pm, today

--Engineers on scene to assist with repair of transmission line, and generation at Hatteras and Ocracoke

--Power for small appliances, television, and some indoor lighting

--Expect extended outage event—multiple days of service curtailment and feeder rotation

--Additional generation needed for Avon area

--Confirmed 2 2MW generator from Gregory Pool deployed to Avon

--Secured 11 generators—2 from Raleigh (arrived), 3 from SC, and 5 from FL

--Additional transformers and mobile substation unit provided to create micro grid on Hatteras and Ocracoke

- Working with NCEM and Division of Highways to secure permits for generator transport from FL
- Must coordinate passage of generators over Bonner Bridge with traffic control measures and direction from DOT engineer
- Electric Membership working with local emergency management to resolve and mitigate impact of outage—local emergency managers updated/conference call with local EMC at 11AM
- Best source of information for local emergency management is from local distribution cooperative
- No unmet needs identified by impacted counties
- Expect limited resource request from impacted counties—traffic control, waiver assistance
- Electric Membership Corp notified and update Governor's office of incident—provided NCEM update information since Governor's update
- Electric Membership Corporation responded to similar outage situations in area on previous occasions
- Additional update notes provided by Oscar Davis
- Event opened in SPARTA—20170727 Outer Banks Power Outage
- Scheduled 10AM, Friday, conference call for additional updates

Call me if you have questions, or need additional information.

Steven F. Davis

Infrastructure Manager

NC Department of Public Safety

Division of Emergency Management

1636 Gold Star Drive

4236 Mail Service Center

Raleigh, NC 27607-4236

(919) 825-2309, Office

(919) 825-2428, NC Emergency Operations Center

Steve.Davis@ncdps.gov

ncdps.gov <<http://www.ncdps.gov/>>

<<http://www.readync.org/>>

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7-28-17 1000 hours - Outer Banks Power Outage Conf Call

From: Charles.Laird@ncdps.gov
To: Chris.Bailey@ncdps.gov, Brian.Barnes@ncdps.gov, Justin.Graney@ncdps.gov, Todd.Brown@ncdps.gov, Tommy.Wendelgass@ncdps.gov
Sent: July 28, 2017 10:37:02 AM EDT
Received: July 28, 2017 10:37:04 AM EDT
Attachments: Outer Banks Power Outage Conf Call.wma

Link to meeting notes: 7-28-17 1000 hours - Outer Banks Power Outage Conf Call

<onenote:https://d.docs.live.net/33e2bebe892332d5/Documents/NCEM Meeting Notes/Meetings.one#7-28-17 1000 hours - Outer Banks Power Outage Conf Call§ion-id={A5F0CC58-97F3-42E3-B19F-4E813710CC4D}&page-id={11A0E183-BA04-499E-A1DE-0113B51FD63D}&end> (Web view
<https://onedrive.live.com/edit.aspx/Documents/NCEM Meeting Notes?cid=33e2bebe892332d5&id=documents&wd=target(Meetings.one|A5F0CC58-97F3-42E3-B19F-4E813710CC4D/7-28-17 1000 hours - Outer Banks Power Outage|11A0E183-BA04-499E-A1DE-0113B51FD63D/)>)

7-28-17 1000 hours - Outer Banks Power Outage Conf Call

Friday, July 28, 2017

9:51 AM

Meeting Date: 7/28/2017 10:00 AM

Location: 919-715-1909

Link to Outlook Item: click here

<onenote:outlook?folder=Calendar&entryid=00000000B3CB45447B14264F873963B54921CCEA0700712A70891FB3EE4389429C250BAE91C00000007EF2A20000AD3D2FB1E7148047A3BF47BDE81FD9C3000E8BE712980000&date=201707281000>

Participants

Laird, Charles <mailto:Charles.Laird@ncdps.gov>(Meeting Organizer)

Notes

<<Outer Banks Power Outage Conf Call.wma>>

Audio recording started: 9:59 AM Friday, July 28, 2017

Affected Areas: Dare and Hyde Counties, Hatteras and Ocracoke Islands

·SOE for both counties

·Generation unit has been held up in SC

·Public safety, health facilities are priority for 24/7 power

oDare Co: Public Safety is either on generator or getting power from grid

oHyde Co: Public Safety is on generator power

·Conservation will be for residences

·ETA on out of state power generation? Hard to say

·Fueling generators may become an issue going forward

o2 fuel deliveries a day from Swan Quarter

oDare Co should be ok from commercial fuel providers

·Highway Patrol:

oAssisting at transit points

oPersonnel numbers are adequate right now

o If event is prolonged, they may need some more assistance

·No issues with generators coming across Bonner Bridge

·Notem has been issued for Ocracoke Airport

Ocracoke:

·One of the generators stopped working, waiting on parts (week to 10 days outage)

·1 megawatt is in service with additional going into service later this evening

·Water and Sewer is ok for right now

oTideland will be delivering fuel to keep those facilities up and running

·VIPER Site:

o1400 gallons of fuel on site

oTemporary power would help extend their fuel supply, may be in place later today

Hatteras:

·Generators:

o2 in place, 5 being in installed, 2 en route

·Buxton units have been running servicing southern part of island

·Rotating feeders

- Additional generation is showing up today

- Crews coming in from other co-ops to assist

Waiver Issues:

- Waiver covers weight and hours for trucks and pax coming from out of state

- Price gouging protections are in effect

- oDare: No reports

- oHyde: No reports

- Questions regarding rentals/hotels

- oRenters are entitled to a refund due to the evacuation order if they took the insurance

Created with Microsoft OneNote 2016.

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Attachment #1

Outer Banks Power Outage Conf Call.wma

RE: 7-28-17 1000 hours - Outer Banks Power Outage Conf Call

From: Todd.Brown@ncdps.gov
To: Charles.Laird@ncdps.gov
Sent: July 28, 2017 10:50:37 AM EDT
Received: July 28, 2017 10:50:38 AM EDT

Thanks

Todd W. Brown

Deputy Operations Chief

NC Division of Emergency Management

1636 Gold Star Drive, Rm 0522

Raleigh, NC 27607

p-919.825.2259

m-919.622.8375

From: Laird, Charles
Sent: Friday, July 28, 2017 10:37 AM
To: Bailey, Chris; Barnes, Brian; Graney, Justin; Brown, Todd; Wendelgass, Tommy
Subject: 7-28-17 1000 hours - Outer Banks Power Outage Conf Call

Link to meeting notes: 7-28-17 1000 hours - Outer Banks Power Outage Conf Call
<onenote:https://d.docs.live.net/33e2bebe892332d5/Documents/NCCEM Meeting Notes/Meetings.one#7-28-17 1000 hours - Outer Banks Power Outage Conf Call§ion-id={A5F0CC58-97F3-42E3-B19F-4E813710CC4D}&page-id={11A0E183-BA04-499E-A1DE-0113B51FD63D}&end> (Web view
<https://onedrive.live.com/edit.aspx/Documents/NCCEM Meeting Notes?cid=33e2bebe892332d5&id=documents&wd=target(Meetings.one|A5F0CC58-97F3-42E3-B19F-4E813710CC4D/7-28-17 1000 hours - Outer Banks Power Outage|11A0E183-BA04-499E-A1DE-0113B51FD63D/)>)

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Location: 919-715-1909

Link to Outlook Item: [click here](#)

<onenote:outlook?folder=Calendar&entryid=00000000B3CB45447B14264F873963B54921CCEA0700712A70891FB3EE4389429C250BAE91C00000007EF2A20000AD3D2FB1E7148047A3BF47BDE81FD9C3000E8BE712980000&date=201707281000>

Participants

Laird, Charles <mailto:Charles.Laird@ncdps.gov>(Meeting Organizer)

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- Fueling generators may become an issue going forward

- o2 fuel deliveries a day from Swan Quarter

- oDare Co should be ok from commercial fuel providers

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- oAssisting at transit points

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Oracoke Island and Hatteras Island Transmissionn Outage Report

From: Dixon, Carlotta <carlotta.dixon@dhhs.nc.gov>
To: DHHS SERT COORDINATORS <DHHS.SERT.Coordinators@dhhs.nc.gov>, DHHS.DSS.County.Directors <DSS.County.Directors@lists.ncmail.net>, DSS.County.Emergency.Disaster.Coordinators@lists.ncmail.net, Division.Directors <Division.Directors@dhhs.nc.gov>, DHHS . DSS . County . Directors <DSS.County.Directors@lists.ncmail.net>, Division . Directors <Division.Directors@dhhs.nc.gov>
Sent: July 30, 2017 8:54:49 AM EDT
Received: July 30, 2017 8:55:05 AM EDT

Good Morning,

NC DHHS SERT has been monitoring the situation since it happened, Thursday, July 27, 2017.

NC DHHS SERT has not been activated.

At this time there is not and has not been any public need for Health and Human Services.

NC Emergency Management is closely working with Utilities to gauge the water supply.

Below is a status report directly from NC Emergency Management

- Temporary power stable on Hatteras Island—9 (2 MW) generator units operating
- EMC focused on generating more stable load for Hatteras Island—Rodanthe, Waves, and Salvo (improving load and alignment)
- Temporary power stable on Ocracoke Island—2 (2 MW) generator units and 1 (1 MW) generator unit installed and operating full-time (since 7/29, 12:15PM)
- Generator units on Hatteras Island and Ocracoke Island operating under severe conservation measures—service curtailment and feeder rotation in effect, generator units may experience brief downtime for maintenance
- Repair parts for permanent diesel generator unit on Ocracoke Island arrived—timeline for restoration to be determined
- EMC continues to monitor load and generator maintenance around the clock—goal to provide stable temporary power for Hatteras Island and Ocracoke Island residents
- Crews continue to excavate area to reach transmission cable and determine extent and nature of damage
- Crews determined 1-of-3 transmission cables significantly damaged (severed)
- Will test integrity of 2 buried transmission cables to determine if all cables are compromised
- If only 1-of-3 transmission cable compromised will attempt to repair (splice) damaged cable—difficult and challenging procedure
- Need better picture on extent of damage to transmission cables—more information, likely, available tomorrow pending additional assessment
- Best case scenario—permanent restoration of electric service to Hatteras Island and Ocracoke Island several days away, or beyond
- Repair and restoration (transmission cable, permanent generation, and generator units) dependent on weather conditions on Hatteras Island and Ocracoke Island—pending weather conditions may delay repair and restoration efforts
- Ferry Division: completed non-resident evacuation of Ocracoke Island—evacuated/transported 3783 people and 1485 cars, scheduled fuel delivery for generators, from Swan Quarter, at 7AM and 1 PM, amended schedule for Hatteras/Ocracoke route departures
- Dare County and Hyde County—no unmet needs, other than return to economic normalcy
- Staff at state EOC assigned to handle any resource requests for Dare County or Hyde County over weekend
- State EOC not activated but key staff on immediate call-back

Carlotta Dixon, MHS, CPM
Section Chief
State Emergency Response Team(SERT)/ESF 6 Human Services Lead
Title VI-Civil Rights Coordinator
NC Division of Social Services-Program Compliance
North Carolina Department of Health and Human Services
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Fwd: CRES Troop A and Troop B Evacuation Plan Update Request

From: Todd.Brown@ncdps.gov
To: glen.powell@ncdps.gov
Sent: July 31, 2017 10:27:49 AM EDT
Received: July 31, 2017 10:27:51 AM EDT

First Sergeant Powell can you help with this request for evacuation plans?

Todd Brown
Deputy Operations Chief
NC Emergency Management

Sent from handheld device, please excuse the brevity.

Begin forwarded message:

From: "Sherrod, Carly" <Carly.Sherrod@ncdps.gov>
Date: July 31, 2017 at 9:45:07 AM EDT
To: "Brown, Todd" <Todd.Brown@ncdps.gov>
Subject: CRES Troop A and Troop B Evacuation Plan Update Request

Mr. Brown,

My name is Carly Sherrod, intern with the Eastern Branch Office of NCEM. I am in the process of updating the CRES and was hoping to get updated versions of both Troop A and Troop B Evacuation Plans. The most recent versions I have on file are dated 2011. Would you be able to assist me with this update? Thank you for your time.

Best Regards.

Carly

Carly Sherrod,
NC Dept of Public Safety
NC Emergency Management
Intern, Eastern Branch Office
Mobile: 919-896-2974
(800) 858-0368 (24 Hour Emergency)
carly.sherrod@ncdps.gov

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Accepted: Outer Banks Power Outage Conference Call

From: Tommy.Wendelgass@ncdps.gov
To: Charles.Laird@ncdps.gov
Sent: July 28, 2017 10:59:41 AM EDT
Received: July 28, 2017 10:59:41 AM EDT
Attachments: attachment.ics

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Attachment #1
attachment.ics

Accepted: Outer Banks Power Outage Conf Call

From: Tommy.Wendelgass@ncdps.gov
To: Charles.Laird@ncdps.gov
Sent: July 28, 2017 10:59:58 AM EDT
Received: July 28, 2017 11:00:00 AM EDT
Attachments: attachment.ics

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Attachment #1
attachment.ics

Fwd: Transportation Waviers NC for state of NC

From: Oscar.Davis@ncdps.gov
To: Tommy.Wendelgass@ncdps.gov, Dawn.Wedig@ncdps.gov
Sent: July 27, 2017 8:06:40 PM EDT
Received: July 27, 2017 8:06:40 PM EDT
Attachments: EO12 - Declaration of a State of Emergency.pdf, ATT00001.htm, EO13 - Temporary Suspension of Motor Vehicle Regulations to Ensure Restoration of Utility Services.pdf, ATT00002.htm

See transportation waiver notice below. Also, Continue to monitor WebEOC just in case there is a change in activation level.

Sent from my iPhone

Begin forwarded message:

From: "Polk, Will" <Will.Polk@ncdps.gov>
To: "andye@ncrma.org" <andye@ncrma.org>, "Anja USke" <anja.uske@bcbsnc.com>, "Christy Olive" <colive@electricities.org>, "Crystal Collins" <ccollins@nctrucking.com>, "Daniska, Mike" <Mike.Daniska@ncdps.gov>, "McGowan, David" <McGowanD@api.org>, "Davis, Oscar" <Oscar.Davis@ncdps.gov>, "Davis, Steve" <Steve.Davis@ncdps.gov>, "Sprayberry, Mike" <Mike.Sprayberry@ncdps.gov>, "Robinson, Elizabeth" <elizabethr@ncrma.org>, "Emergency" <Emergency@dot.gov>, "Falconer, Brian" <Brian.Falconer@ncdps.gov>, "Fillion, Barbara" <BFillion@ncdoj.gov>, "First Sgt Steven Kirby" <steven.kirby@ncdps.gov>, "Fleet Response Working Group" <fleetmove@fleetresponse.org>, "Harris, Gary" <gharris@ncpcm.org>, "Ha Nguyen" <hnguyen@nccob.gov>, "Hawkins, Kathy G (Kathy.Hawkins@duke-energy.com)" <Kathy.Hawkins@duke-energy.com>, "Hotchkiss, Nelle" <nelle.hotchkiss@ncemcs.com>, "Houston, Norma (nhouston@sog.unc.edu)" <nhouston@sog.unc.edu>, "Howard, John" <john.howard@ncagr.gov>, "James Rigsbee" <james.rigsbee@ncdps.gov>, "Jay Campbell" <jcampbell@ncbop.org>, "Jennifer.Gardner@delhaize.com" <Jennifer.Gardner@delhaize.com>, "John Jessup (jjessup@ncpga.org)" <jjessup@ncpga.org>, "Johnson, Freddy" <freddy.johnson@ncdps.gov>, "Kevin Anderson (kander@ncdoj.gov)" <kander@ncdoj.gov>, "Kris Reinhard" <Kris.Reinhard@valero.com>, "laura brewer" <lbrewer@nc.gov>, "Laura.Lansford@ncdor.gov" <Laura.Lansford@ncdor.gov>, "Lexi Morgan Arthur (lexia@ncrma.org)" <lexia@ncrma.org>, "Lt. Terry Robinson" <Terry.Robinson@ncdps.gov>, "mark.edwards@ncdoi.gov" <mark.edwards@ncdoi.gov>, "McCann, Michael J MAJ USARMY NG NCARNG (US)" <michael.j.mccann.mil@mail.mil>, "McLeod, Gregory S" <Greg.McLeod@nc.gov>, "Pam Pekrun" <pam.pekrun@dom.com>, "Payne-Hurley, Persia" <Persia.Payne-Hurley@ncdps.gov>, "Peggy Gill" <Peggy.Gill@bcbsnc.com>, "Rick Fay" <richard.e.fay.civ@mail.mil>, "Rouse, Jay" <jay.rouse@ncemcs.com>, "Duncan, Russell" <Russell.duncan@ncdenr.gov>, "Snead Kenneth" <kenneth.snead@ncshp.org>, "Stanton, Joe" <Joe.Stanton@ncdps.gov>, "Sturgis, Kip" <Ksturgis@ncdoj.gov>, "Teross Young (twyoung@foodlion.com)" <twyoung@foodlion.com>, "Ward, Karen M ." <Karen.Ward@ncdps.gov>, "Wright, Joe" <Joe.Wright@ncdps.gov>
Subject: Transportation Waviers NC for state of NC

Governor Cooper issued a state of emergency for the major power outages that have occurred on Hatteras Island in Dare County and Ocracoke Island in Hyde County because of damage to a major transmission line this morning before day at the Bonner Bridge. According to the NC Electric Membership Corporation (EMC), it is still too early for an estimate on restoration but outages could be for an extended period.

In addition to that Executive Order, he issued with that declaration an additional Executive Order, which suspends certain motor vehicle regulations dealing with the size and weight of vehicles transporting supplies and equipment used for the restoration of utility services. This order is necessary because the EMC has contracted to move generators from Florida to NC to assist with the temporary restoration of power in the emergency zone. It will allow the

vehicles carrying the generators to move quickly through the weigh stations to get around and thru North Carolina and will allow for the restoration of power in the impacted area.

If you have any question feel free to call me at 919-219-4534.

Will Polk

Assistant General Counsel

NC Department of Public Safety

Emergency Management

Office of the General Counsel

4201 Mail Service Center

Raleigh, NC 27699-4201

919-825-2706 (office)

919-715-8477 (fax)

919-219-4534 (mobile)

EMAIL ADDRESS: Will.Polk@ncdps.gov

Twitter: @PolkWork

www.ncdps.gov <<http://www.ncdps.gov/>>

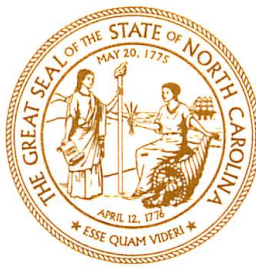
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Attachment #1

EO12 - Declaration of a State of Emergency.pdf

Original view

2 pages (displayed on pages 362 to 363)



State of North Carolina

ROY COOPER
GOVERNOR

July 27, 2017

EXECUTIVE ORDER NO. 12

DECLARATION OF A STATE OF EMERGENCY

BY THE GOVERNOR OF THE STATE OF NORTH CAROLINA

Section 1.

I hereby declare, pursuant to N.C.G.S. § 166A-19.20, that a state of emergency as defined in N.C.G.S. §§ 166A-19.3(6) and 166A-19.3(19) exists in the State of North Carolina due to a damage to a main transmission line which has resulted in major power outages on Hatteras Island in Dare County and Ocracoke Island in Hyde County that could extend for weeks.

The emergency area as defined in N.C.G.S. §§ 166A-19.3(7) and N.C.G.S. 166A-19.20(b) is Dare and Hyde Counties.

Section 2.

I order all state and local government entities and agencies to cooperate in the implementation of the provisions of this declaration and the provisions of the North Carolina Emergency Operations Plan.

Section 3.

I delegate to Erik Hooks, the Secretary of Public Safety, or his designee, all power and authority granted to me and required of me by Article 1A of Chapter 166A of the General Statutes for the purpose of implementing the State's Emergency Operations Plan and deploying the State Emergency Response Team to take the appropriate actions as is necessary to promote and secure the safety and protection of the populace in North Carolina.

Section 4.

Further, Secretary Hooks, as chief coordinating officer for the State of North Carolina, shall exercise the powers prescribed in G. S. § 143B-602.

Section 5.

I further direct Secretary Hooks, or his designee, to seek assistance from any and all agencies of the United States Government as may be needed to meet the emergency and seek reimbursement for costs incurred by the State in responding to this emergency.

Section 6.

I hereby order this declaration: (a) to be distributed to the news media and other organizations calculated to bring its contents to the attention of the general public; (b) unless the circumstances of the state of emergency prevent or impede, to be promptly filed with the Secretary of Public Safety, the Secretary of State, and the clerks of superior court in the counties to which it applies; and (c) to be distributed to others as necessary to assure proper implementation of this declaration.

Section 7.

This declaration does not prohibit or restrict lawfully possessed firearms or ammunition or impose any limitation on the consumption, transportation, sale or purchase of alcoholic beverages as provided in N.C.G.S. § 166A-19.30(c).

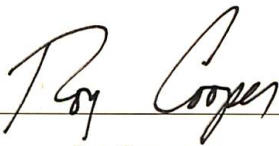
Section 8.

Pursuant to N.C.G.S. § 166A-19.23, this declaration triggers the prohibition against excessive pricing as provided in N.C.G.S. § 75-37 and 75-38 in the declared emergency area.

Section 9.

This declaration is effective immediately and shall remain in effect until rescinded.

IN WITNESS WHEREOF, I have hereunto signed my name and affixed the Great Seal of the State of North Carolina at the Capitol in the City of Raleigh, this 27th day of July in the year of our Lord two thousand and seventeen.



Roy Cooper
Governor

ATTEST:



Elaine F. Marshall
Secretary of State



Attachment #2

ATT00001.htm

Original view

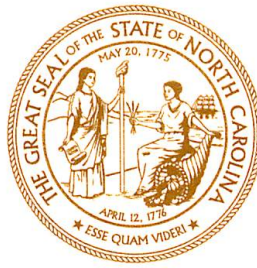
1 page

Attachment #3

EO13 - Temporary Suspension of Motor Vehicle Regulations to Ensure Restoration of Utility Services.pdf

Original view

3 pages (displayed on pages 367 to 369)



State of North Carolina

ROY COOPER
GOVERNOR

July 27, 2017

EXECUTIVE ORDER NO. 13

TEMPORARY SUSPENSION OF MOTOR VEHICLE REGULATIONS TO ENSURE RESTORATION OF UTILITY SERVICES AND TRANSPORTING ESSENTIALS

WHEREAS, due to the major power outage impacting the Outer Banks islands of Hatteras and Ocracoke, vehicles bearing equipment and supplies for utility restoration need to be moved on the highways of North Carolina; and

WHEREAS, I hereby declare, pursuant to N.C.G.S. § 166A-19.20, that a state of emergency as defined in N.C.G.S. §§ 166A-19.3(6) and 166A-19.3(19) exists in the State of North Carolina due to a major power outage on Hatteras Island in Dare County and Ocracoke Island in Hyde County that could extend for weeks; and

WHEREAS, the uninterrupted supply of electricity, fuel oil, diesel oil, gasoline, kerosene, propane, liquid petroleum gas, food, water, and medical supplies to residential and commercial establishments is essential before, and any interruption in the delivery of those commodities threatens the public welfare; and

WHEREAS, the prompt restoration of utility services to citizens is essential to their safety and well-being; and

WHEREAS, under the provisions of N.C.G.S. § 166A-19.30(b)(3) the Governor, with the concurrence of the Council of State, may regulate and control the flow of vehicular traffic and the operation of transportation services; and

WHEREAS, with the concurrence of the Council of State, I have found that vehicles bearing equipment and supplies for utility restoration, carrying essentials and for debris removal must adhere to the registration requirements of N.C.G.S. § 20-86.1 and 20-382, fuel tax requirements of N.C.G.S. §§ 105-449.45, 105-449.47, and 105-449.49, and the size and weight requirements of N.C.G.S. §§ 20-116, 20-118 and 20-119. I have further found that citizens in this State may suffer losses and will likely suffer imminent further widespread damage within the meaning of N.C.G.S. § 166A-19.3(3) and N.C.G.S. § 166A-19.21(b); and

WHEREAS, 49 CFR § 390.23 allows the Governor of a state to suspend the rules and regulations under 49 CFR Parts 390-399 for up to 30 days if the Governor determines that an emergency condition exists; and

WHEREAS, under N.C.G.S. § 166A-19.70, the Governor may declare that the health, safety, or economic well-being of persons or property requires that the maximum hours of service for drivers prescribed by N.C.G.S. § 20-381 should be waived for persons transporting essential fuels, food, water, medical supplies, and for vehicles used in the restoration of utility services.

NOW, THEREFORE, pursuant to the authority vested in me as Governor by the Constitution and the laws of the State of North Carolina, **IT IS ORDERED**:

Section 1.

The Department of Public Safety in conjunction with the North Carolina Department of Transportation shall waive the maximum hours of service for drivers prescribed by the Department of Public Safety pursuant to N.C.G.S. § 20-381.

Section 2.

The Department of Public Safety in conjunction with the Department of Transportation shall waive certain size and weight restrictions and penalties arising under N.C.G.S. §§ 20-116, 20-118 and 20-119, and certain registration requirements and penalties arising under N.C.G.S. §§ 20-86.1 and 20-382, and certain registration and filing requirements and penalties arising under N.C.G.S. §§ 105-449.45, 105-449.47, and 105-449.49 for vehicles transporting equipment and supplies for the restoration of utility services, carrying essentials and for equipment for any debris removal.

Section 3.

Notwithstanding the waivers set forth above, size and weight restrictions and penalties have not been waived under the following conditions:

- a. When the vehicle weight exceeds the maximum gross weight criteria established by the manufacturer (GVWR) or 90,000 pounds gross weight, whichever is less.
- b. When the tandem axle weight exceeds 42,000 pounds and the single axle weight exceeds 22,000 pounds.
- c. When a vehicle and vehicle combination exceeds 12 feet in width and a total overall vehicle combination length of 75 feet from bumper to bumper.
- d. Vehicles and vehicle combinations subject to exemptions or permits by authority of this Executive Order shall not be exempt from the requirement of having a yellow banner on the front and rear measuring a total length of 7 feet by 18 inches bearing the legend "Oversized Load" in 10 inch black letters 1.5 inches wide and red flags measuring 18 inches square to be displayed on all sides at the widest point of the load. In addition, when operating between sunset and sunrise, a certified escort shall be required for loads exceeding 8 feet 6 inches in width.

Section 4.

Vehicles referenced under Sections 2 and 3 shall be exempt from the following registration requirements:

- a. The requirement to obtain a temporary trip permit and pay the associated \$50.00 fee listed in N.C.G.S. § 105-449.49 is waived for the vehicles described above. No filing of a quarterly fuel tax return is required because the exemption in N.C.G.S. § 105-449.45(b)(1) is recognized.
- b. The registration requirements under N.C.G.S. § 20-382.1 concerning intrastate and N.C.G.S. § 20-382 concerning interstate for-hire authority is waived; however, vehicles shall maintain the required limits of insurance as required.
- c. Non-participants in North Carolina's International Registration Plan and International Fuel Tax Agreement will be permitted into North Carolina in accordance with the exemptions identified by this Executive Order.

Section 5.

The size and weight exemption for vehicles will be allowed on all routes designated by the North Carolina Department of Transportation, except those routes designated as light traffic roads under N.C.G.S. § 20-118. This order shall not be in effect on bridges posted pursuant to N.C.G.S. § 136-72.

Section 6.

The waiver of regulations under Title 49 of the Code of Federal Regulations (Federal Motor Carrier Safety Regulations) does not apply to the CDL and Insurance Requirements. This waiver shall be in effect for 30 days or the duration of the emergency, whichever is less.

Section 7.

The North Carolina State Highway Patrol shall enforce the conditions set forth in Sections 1 through 6 of this Executive Order in a manner which will implement these provisions without endangering motorists in North Carolina.

Section 8.

Upon request by law enforcement officers, exempted vehicles must produce documentation sufficient to establish their loads are being used for bearing equipment and supplies for utility restoration, debris removal, carrying essentials in commerce, in the State of North Carolina.

Section 9.

This Executive Order does not prohibit or restrict lawfully possessed firearms or ammunition or impose any limitation on the consumption, transportation, sale or purchase of alcoholic beverages as provided in N.C.G.S. § 166A-19.30(c).


Section 10.

Pursuant to N.C.G.S. § 166A-19.23, this declaration triggers the prohibition against excessive pricing as provided in N.C.G.S. § 75-37 and 75-38 in the declared emergency area.

Section 11.


This Executive Order is effective immediately and shall remain in effect for thirty (30) days or the duration of the emergency, whichever is less.

IN WITNESS WHEREOF, I have hereunto signed my name and affixed the Great Seal of the State of North Carolina at the Capitol in the City of Raleigh, this 27th day of July in the year of our Lord two thousand and seventeen.



Roy Cooper
Governor

ATTEST:



Elaine F. Marshall
Secretary of State



Attachment #4

ATT00002.htm

Original view

1 page